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ST. JOHN'S CHURCH
CREIGHTON MEDICAL COLLEGE
CREIGHTON UNIVERSITY
OBSERVATORY
THE CREIGHTON MEMORIAL ST. JOSEPH'S HOSPITAL

A. M. D. G.

Catalogue

..of..

The Creighton University,

Omaha, Nebraska.

1898=1899.

The Creighton University,

FOUNDED 1878.

INCORPORATED AS A UNIVERSITY,

UNDER ACT OF THE LEGISLATURE OF THE STATE OF NEBRASKA, AUGUST 14, 1879.

THE CREIGHTON COLLEGE,

FOUNDED AND ENDOWED 1875, CONVEYED BY DEED OF TRUST TO THE CREIGHTON UNIVERSITY, DECEMBER 4, 1879.

THE JOHN A. CREIGHTON MEDICAL COLLEGE,

FOUNDED MAY 30, 1892.

BOARD OF TRUSTEES.

REV. M. P. DOWLING, S. J., President.

REV. A. J. BURROWES, S. J., Secretary.

REV. MARTIN M. BRONSGEEST, S. J., Treasurer.

REV. JOHN B. HEMANN, S. J., Chancellor.

REV. JOHN J. SENNHAUSER, S. J.

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Officers and Faculty

..of..

The Creighton University.

ARTHUR, M., M. D.,

Assistant Demonstrator of Anatomy.

BARSTOW, J. M., M. D.,

Professor of Materia Medica.

BRONSGEEST, REV. MARTIN M., S. J.,

Chaplain.

BRYANT, D. C., A. M., M. D.,

Professor of Ophthalmology; Oculist and Aurist to St. Joseph's Hospital.

BURRELL, H. LESLIE, M. D.,

Professor of Otology, Rhinology and Laryngology; Oculist to St. Bernard's Hospital.

BURROWES, REV. ALEXANDER J., S. J.,

Professor of Rhetoric and Literature.

CARPENTER, E. M., M. D.,

Clinical Lecturer on Surgery.

CARTER, A. H., A. M., M. D.,

Professor of Diseases of Children.

CONROY, JOSEPH P., S. J.,

Professor of Poetry and Elocution.

COPPENS, CHARLES, S. J.,

Lecturer on Evidences of Religion, English Literature and Medical Jurisprudence; Professor of Logic, Metaphysics and Ethics.

COULTER, F. E., M. D.,

Professor of Anatomy (Brain and Nervous System).

CROWLEY, CHARLES F., A. M., Ph. C.,

Professor of Chemistry and Toxicology.

CRUMNER, B. F., M. D.,

Professor of Principles and Practice of Medicine and Clinical Medicine; Physician to St. Joseph's Hospital.

CRUMNER, LE ROY, B. S., M. D.,

Instructor in Clinical Diagnosis.

DAYTON, W. L., M. D.,

Adjunct Professor of Ophthalmology.

DINNEEN, F. GEORGE, S. J.,

Professor of Third Academic and Elocution.

DOWLING, REV. M. P., S. J.,

President.

FOOTE, J. S., A. M., M. D.,

Professor of Histology, Physiology, Pathology and Clinical Microscopy.

GALBRAITH, W. J., A. M., M. D.,

Professor of Clinical Surgery; Surgeon to St. Joseph's Hospital.

GROSSMAN, PAUL, A. M., M. D.,

Professor Emeritus of Medicine.

HAMILTON, H. P., M. D.,

Professor of Surgical Pathology and Therapeutics.

HEMANN, J. B., S. J.,

Vice President, Prefect of Studies and Discipline.

HENRY, E. C., M. D.,

Professor of Anatomy.

HENRY, W. O., M. D.,

Professor of Gynæcology; Gynæcologist to St. Joseph's Hospital.

HIPPLE, A. H., D. D. S.,

Lecturer on Oral Surgery.

HOBBS, W. R., M. D.,

Clinical Lecturer on Diseases of Children.

HOUGHTON, F. E., M. D.,

Adjunct Professor of Diseases of Children.

HUSTER, J. A.,

Professor of Instrumental Music.

JENNINGS, H. B., M. D.,

Professor of Applied Therapeutics.

KENNY, ROLAND J., S. J.,

Professor of Second Academic and Elocution.

LACY, T. B., M. D.,

Professor of Surgery, Fractures and Dislocations; Surgeon to W. C. A. Hospital, North-Western, Omaha & St. Louis Railroads, and St. Bernard's Hospital, Omaha & Council Bluffs Bridge & Railway Co.

LANGFELD, MILLARD, A. B., M. D.,

Professor of Bacteriology.

LORD, J. P., M. D.,

Professor of Principles and Practice of Surgery; Surgeon to St. Joseph's Hospital.

LUERSMAN, MARTIN, S. J.,

Professor of First Academic.

MAHONEY, T. J., LL. B.,

Lecturer on Medical Law.

MALSTER, R. M., M. D.,

Assistant to Surgical Clinic.

MASON, R. D., M. D.,

Professor of Diseases of the Rectum.

MITCHELL, A. R., M. D.,

Professor of Regional and Surgical Anatomy.

PEABODY, J. H., A. M., M. D.,

Professor Emeritus of Military Surgery.

PORTERFIELD, F. W., M. D.,

Lecturer on Materia Medica.

RIGGE, REV. WILLIAM F., S. J.,

Professor of Astronomy, Mathematics and Physics.

RILEY, A. W., A. M., M. D.,

Professor of Principles and Practice of Medicine and Clinical Medicine; Physician to St. Joseph's Hospital.

ROOS, REV. PHILIP J., S. J.,

Assistant Chaplain.

ROSEWATER, CHARLES, M. D.,

Professor of Obstetrics.

SENNHAUSER, REV. JOHN J., S. J.,

Professor of Mathematics; Librarian.

SOMERS, A. B., M. D.,

Professor of Principles and Practice of Medicine and Clinical Medicine.

SPALDING, S. K., M. D.,

Professor of Diseases of the Mind and Nervous System.

SUMNEY, H. CLAYTON, M. D.,

Professor of Dermatology, Syphilology and Genito-Urinary Diseases.

TILDEN, GEORGE, M. D.,

Consulting Physician.

THOMAS, F. S., M. D.,

Professor of Mental Diseases and Clinical Psychiatry; Physician to St. Bernard's Hospital (Insane Department); Surgeon to C. R. I. & P. R. R.

TOWNE, S. R., A. M., M. D.,

Professor of Hygiene and State Medicine.

WHELAN, WILLIAM P., S. J.,

Professor of Humanities, Bookkeeping and Elocution.

WILKINSON, A. D., M. D.,

Adjunct Professor of Obstetrics.

The Creighton College

Free School of Arts and Sciences.

THE history of this College may be briefly outlined as follows. Mr. Edward Creighton, after whom the College is named, had proposed in life to found a FREE Institution of learning, but died intestate on November 5th, 1874, before making provisions for the fulfilment of his project. His wife, Mrs. Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to carry out her husband's wish, but did not live to behold its realization. Her death occurred on January 23d, 1876. In her last will and testament, dated September 23d, 1875, she made among other bequests the following:

"ITEM: *I will and bequeath unto my said executors the further sum of one hundred thousand dollars to be by them received, held, kept, invested and reinvested in like manner, but upon the trusts nevertheless and to and for the uses, intents and purposes hereinafter expressed and declared of and concerning the same, that is to say, to purchase the site for a school in the city of Omaha, or within...miles thereof and erect proper buildings thereon for a school of the class and grade of a College, expending in the purchase of said site and the building of said buildings, and in and about the same, not to exceed one-half of said sum, and to invest the remainder in securities, the interest of which shall be applied to the support and maintenance; and the principal shall be kept forever inviolate. When said buildings shall be ready for oc-*

cupancy for such school, the said executors shall convey all of said property, including said site, building and securities, to the Rt. Rev. the Bishop of the Roman Catholic Church having jurisdiction in Omaha and his successors in office, upon trusts to be aptly expressed in the deed of conveyance securing said property to the purposes aforesaid. The said school shall be known as The Creighton College, and is designed by me as a memorial of my late husband. I have selected this mode of testifying to his virtues and my affection to his memory, because such a work was one which he in his lifetime proposed to himself."

Acting on this request, the executors, Messrs. John A. Creighton, James Creighton and Herman Kountze, purchased the present site, and proceeded to erect what is now called the main building. The entire property and securities were duly conveyed by the executors to the Right Rev. James O'Connor, D. D., Bishop of Omaha, July 1st, 1878.

Under and in pursuance of "An Act of the Legislature of the State of Nebraska" (February 27th, 1879) "to provide for the incorporation of Universities under certain circumstances," Right Rev. James O'Connor, D. D., vested the entire property and securities of the Creighton College in a corporation, designating the legal title of said corporation to be THE CREIGHTON UNIVERSITY, and appointing five members of the Society of Jesus to constitute the Board of Trustees. The Creighton University was thus incorporated on August 14th, 1879.

By deed of trust executed on December 4th, 1879, the Right Rev. James O'Connor, D. D., conveyed all the property and securities of Creighton College to the above mentioned corporation, The Creighton University. By this conveyance the entire trust passed from the Right Rev. Bishop and his successors to The Creighton University and its successors, the

trust to be held and administered upon the same terms and conditions and for the same purposes, for and under which it was originally bequeathed by Mrs. Mary Lucretia Creighton. The position, therefore, of The Creighton University relative to The Creighton College, its property and securities as derived from the bequest of Mrs. Creighton, is that of Trustee for the Creighton College.

The funds invested for the support of the College had been increased from the division of the residue of the estate of Mrs. Mary Lucretia Creighton, so that when the Creighton University accepted the trust, the endowment fund amounted to about $147,500. This fund, according to the original bequest and the terms and conditions of the trust, must be invested in securities in perpetuity, the interest alone to be used for the support of the Faculty and the maintenance of the College. To those who are familiar only with the million dollar endowments of other Universities and Colleges, an endowment of $147,500 must appear a very modest sum. Even to those experienced in the management of Catholic Colleges, it must seem a hazardous undertaking to build up and develop a FREE College on a financial basis of nothing more than the annual interest of $147,500. But the Jesuits, like most of the teaching orders of the Catholic Church, receive no salary for their labor, and though in this particular instance they fully realized the financial difficulties, they consented to face them. In this, no doubt, they were animated by the hope of seeing restored one of the chief glories of their history, namely, the bestowal of gratuitous education, such as was given by their predeces-

sors in the older and more fortunate days of the order, when all Jesuit Colleges and Universities were endowed and FREE Institutions. The venture has thus far met with unexpected success, thanks to good friends, and in particular to Hon. John A. Creighton and his lamented wife, both of whom generously seconded the noble purpose of the original Founders, and by large benefactions carried on the good work to a development which without their munificence would have remained an impossibility.

Development.

The College, located on 25th and California Sts., commands an excellent view of the city and surrounding country. The grounds cover an area of about six acres.

THE MAIN BUILDING was begun in 1877, and completed in 1878. It is built of brick, trimmed with limestone. There are three stories and a basement, with a frontage of 56 and a depth of 126 feet. The facade is surmounted by a tower 110 feet high. This building is at present devoted entirely to College purposes.

THE PROFESSORS' LIBRARY, located in the north-east hall on the second floor of the main building, was begun in 1879. At present it contains about 7,000 volumes, among which are many works of considerable antiquity and value. Hon. John A. Creighton is the generous donor of the Scientific Department of the Library.

THE STUDENTS' LIBRARY was established in 1880. It contains 1,800 volumes, selected specially for the use of students, and is a Free Library.

In 1883, the SCIENTIFIC DEPARTMENT of Creighton College was established and richly furnished by Hon. John A. Creighton with a complete chemical, physical and astronomical outfit.

THE CHEMICAL LABORATORY, which is a frame building in cottage style, 28 x 56, was first erected on the site at present occupied by the College Chapel, but is now located to the northwest of the main building. It contains, besides the chemical laboratory, a complete outfit for each student, a photographic gallery and a mechanical workshop. The total cost of building and equipment was over $5,000.

THE CABINET OF PHYSICAL APPARATUS, portions of which have been put on public exhibition at various State and City exhibits, is located in the north hall on the second floor of the main building. It would require a separate catalogue to enumerate the instruments under each department of Physical Science, for in point of apparatus the Cabinet embraces all that can be desired for experimental illustrations of lectures on any part of Physics. Only new instruments of the latest and most perfect make were purchased. The cost of the apparatus must have exceeded $15,000.

THE ASTRONOMICAL OBSERVATORY received its full development in 1886, when the present Observatory was erected on the brow of the hill north of the College.

In the establishment and development of the Scientific Department, Hon. John A. Creighton was generously seconded by Hon. John A. McShane.

In the same year, 1886, the munificent gift from Hon. John A. Creighton of a city lot, valued at $15,000, enabled the trustees to secure by exchange, after the payment of a bonus of $2,000, a much-needed house and lot adjoining the main building on the north-east.

THE COLLEGE CHAPEL, popularly known as St. John's Collegiate Church, is situated to the south-west of the main building, facing California street. The corner-stone was laid by Right Rev. James O'Connor, D. D., on June 27th, 1887, and the Church was dedicated by the same prelate on May 6th, 1888. The style of architecture is English Gothic. The Church is built of Warrensburg sandstone, and is at present 112 feet in length by 75 feet in width. The plan, however, contemplates a building 184 feet long with a width at the transept of 138 feet. Hon. John A. Creighton subscribed $10,000 towards the erection of the Church; the rest of the requisite funds, about $35,000, came from a sale of property belonging to the Jesuit fathers in their own right. The main altar is the gift of Hon. John A. McShane; the side altars were presented by Mrs. John A. Creighton; the organ was donated by Mrs. John A. Schenk; the Way of the Cross is the gift of Hon. John A. Creighton.

THE SOUTH WING of the present College building was begun in the fall of 1888, and was ready for occupation the following spring. Hon. and Mrs. John A. Creighton contributed

$13,000 towards its erection; the rest of the cost was covered by the Interest fund of the College. The wing is built of brick in the same style of architecture as the main building, and has a length of 90 feet and a depth of 36 feet. The California street side of the wing is not completed.

In 1888, Mrs. Sarah Emily Creighton, wife of Hon. John A. Creighton, bequeathed to The Creighton University 44 feet of land on Douglas street west of Creighton Block, to and for the use of the Creighton College, according to the same terms and conditions as were designated in the bequest of her sister, Mrs. Mary Lucretia Creighton.—Mrs. Sarah Emily Creighton departed this life on September 30th, 1888.

Degrees.

According to the Act of Legislature under which the Creighton University was incorporated, its Board of Trustees has power "to confer such Academic degrees and honors as are conferred by Colleges and Universities of the United States."

REQUIREMENTS.

The degree of Bachelor of Arts is conferred upon those who have successfully completed the Course of Studies as outlined in the Catalogue.

The degree of Master of Arts, in course, can be obtained by devoting a second year to the study of Philosophy in the College, or two years to professional studies.

The degree of Bachelor or Doctor of Philosophy will be granted only to Masters of Arts after successful Post Graduate Courses in Philosophy and Science.

Professional degrees, in course, are defined by the Professional Departments of the University.

Honorary degrees are conferred, at the discretion of the Board of Trustees, upon those who have deserved well of the community in Literature, or Science, or the Professions.

Course of Studies

For the Degree of Bachelor of Arts.

This Course is designed to impart a thorough liberal education. In the accomplishment of this purpose the Ancient Classics hold the first place as the most efficient instrument of mental discipline. Besides Latin, Greek and English, the Course embraces Religious Instruction, Mental and Moral Philosophy, Astronomy and Mathematics, History, Literature, the Natural Sciences—in a word, all the usual branches of a complete education. It has been found, by long experience, that this is the only course that fully develops all the faculties, forms a correct taste, teaches the student how to use all his powers to the best advantage and prepares him to excel in any pursuit, whether Professional or Commercial.

The Course is divided into two departments, Collegiate and Academic, and in neither are the studies optional.

COLLEGIATE DEPARTMENT.

CLASS OF PHILOSOPHY.

The object of this class is to form the mind to habits of correct reasoning and to impart sound principles of mental and moral philosophy.

EVIDENCES OF RELIGION—Wilmer's Hand Book. Lectures in explanation.

LOGIC AND METAPHYSICS—Russo's Summa Philosophica. For reference, Hill, Stonyhurst Series, Poland, Coppens.

ETHICS—Jouin's Elementa Philosophiæ Moralis. For reference, Russo, Hill, Coppens, Poland, Stonyhurst Series, Liberatore's Political Economy.

MATHEMATICS—Differential and Integral Calculus.
ASTRONOMY—Young's Elements of Astronomy.
SCIENCE—Special Course, two hours a week.
LITERATURE—Special Course, two hours a week.
ELOCUTION—One hour a week.
Oral Discussions on Philosophic Subjects every day.

CLASS OF RHETORIC.

The object of this class is the study of Oratory and Historical Composition.

EVIDENCES OF RELIGION.

Wilmer's Hand Book. Lectures in explanation.

LANGUAGES.

LATIN—*Models:* Cicero—Pro Lege Manilia, Pro Milone, In Catilinam, Pro Marcello, Pro Ligario; Tacitus; Horace—Odes, Epodes, Epistles and Satires.

Practice: Latin Themes (Arnold); Original Compositions; Imitations of Models; Off-hand Translation of Latin into English, and of English into Latin.

GREEK—*Models:* Demosthenes—Olynthiacs or Phillippics. Select passages into Latin. St. Chrysostom—Eutropius; and one of the following plays: Sophocles—Oedipus Tyrannus or Antigone; or Aeschylus—Prometheus Bound.

Practice: Themes, Imitations; Anthology for reference.

ENGLISH—*Precepts:* Coppens'—Oratorical Composition; History. For reference: Quintilian, Kleutgen, Blair, Bardeen, Genung, Hill, etc.

Literature: Jenkins' Manual—Orators and Historians.

Models: The best specimens of British and American Orators and Historians. Webster's Bunker Hill Orations, Commemorative Address on Adams and Jefferson, Selections from the Girard College Case, Knapp Trial, and Reply to Hayne; Burke's Speech on American Taxation and Address to the Electors of Bristol.

Analysis of Speeches in Paradise Lost, Book II, in Shakespeare's Julius Cæsar and in Shakespeare *passim;* Macaulay's Historical Essays.

Practice: Imitations; Original Compositions—Oratorical, Poetical, Historical. Critical Essays on Models.

MATHEMATICS.

Wentworth's Complete Algebra reviewed.

Wentworth's Analytic Geometry.

ACCESSORY BRANCHES.

HISTORY—Constitution and Government of the United States.

ELOCUTION—One hour a week.

PHYSICS—Appleton.

CHEMISTRY—Eliot and Storer.

HONORS.

In addition to the ordinary work of this class, students who are qualified may take up special studies for Honors.

CLASS OF POETRY.

The object of this class is the cultivation, in a special manner, of taste, sentiment and style, which is to be effected chiefly by the study of the best Poets.

EVIDENCES OF RELIGION.

Wilmer's Hand Book. Lectures in explanation.

LANGUAGES.

LATIN—*Precepts:* Yenni—Prosody repeated.

Models: Virgil's Aeneid; Cicero—Pro Archia; Horace's Ars Poetica; Selections from Christian Poets.

Practice: Latin Versification, both terms; Themes—Arnold; Imitations; Original Exercises in Prose; Off-hand Translations.

GREEK—*Precepts:* Yenni—Prosody; Anthology for reference.

Models: Homer's Iliad; Lyric Poets.

Practice: Themes.

ENGLISH—*Precepts:* Coppens' Practical Introduction—Nature and Varieties of Poetry, including Epic and Dramatic; Beauty; Sublimity; Taste; Novels; Essays, (except Historical). Kleutgen, Broeckaert, Schlegel, Moulton, etc., for reference.

Literature: Jenkins' Manual—Poets, Novelists, Essayists.

Models: Choice specimens of Dramatic, Lyric, Elegiac, and Didactic Poetry: Milton's Paradise Lost, Book I, and Selections from Books IV and V; Selections from Dante; Gray's Elegy; Lycidas; Dryden's Alexander's Feast; Lyrical Selections from Longfellow and Tennyson and from Catholic Poets; Shakespeare's Plays; Pope's Essay on Criticism, in conjunction with the Ars Poetica; Prescott's Biographical and Critical Essay on Sir Walter Scott; Macaulay's Critical Essays.

Practice: Imitations; Original Exercises in Poetry and Essay-writing; Critical Essays on Models.

MATHEMATICS.

Wentworth's Plane Trigonometry.

Wentworth's Geometry, Book VIII; Wentworth's Spherical Trigonometry; Surveying; (Algebra, one hour a week).

ACCESSORY BRANCHES.

HISTORY—Ancient, Fredet—Part V continued to end.

ELOCUTION—One hour a week.

PHYSICS—Appleton.

CHEMISTRY—Eliot and Storer.

HONORS.

In addition to the ordinary work of this class, students who are qualified may take up special studies for Honors.

CLASS OF HUMANITIES.

The object of this class is to train the students in the minor species of Composition; Narration, Description, Dia-

logue, Letter-writing. Comparative Grammar is made a special feature. Versification is begun.

CHRISTIAN DOCTRINE.

Deharbe's Large Catechism reviewed.
Practical Instructions on the Counsels.

LANGUAGES.

LATIN—*Precepts:* Yenni—Syntax repeated; Prosody; Comparative Grammar.

Models: Cæsar, continued; Virgil—Eclogues; Cicero—Extracts from Minor Works; Selections from Christian Poets.

Practice: Themes on Syntax and in imitation of Authors; Arnold; Verse-making; Off-hand Translation.

GREEK—*Precepts:* Yenni—Etymology and Syntax repeated; Comparative Grammar (For reference, "Keep's Essential Use of Moods and Tenses").

Models: Palæphatus; Plutarch; Xenophon; Old and New Testament: Anthology for reference.

Practice: Themes on Syntax and Authors.

ENGLISH—*Precepts:* Coppens' Practical Introduction—Style, Varieties of Styles, Minor Species of Prose Composition, viz., Narration and Description, Dialogues, etc., English Versification.

Models: Choice specimens of Minor Species of Composition in Prose and Verse: Scott's Lady of the Lake; Longfellow's Evangeline and Tales of a Wayside Inn; Aytoun's and Macaulay's Ballads and Lays; Selections from Irving; Selections from Standard Novelists; Models from Scoone's "Three Centuries of English Letters"; Knight's "Half-hours with the Best Letter-writers"; Field's "Yesterdays with Authors"; Selections from Catholic Poets, etc.

Practice: Imitations; Original Exercises in Minor Species of Composition.

MATHEMATICS.

Wentworth's Geometry (omitting Book VIII).

ACCESSORY BRANCHES.

HISTORY—Ancient, Fredet.

ELOCUTION—One hour a week.

BOOKKEEPING.

ACADEMIC DEPARTMENT.

This department, besides being a preparation for a Collegiate Course, aims at imparting such an education as is usually given in High Schools and Academies. It comprises three classes.

FIRST ACADEMIC.

The object of this class is to complete the study of Grammar, and to perfect the student in the simpler forms of Composition begun in the preceding class.

CHRISTIAN DOCTRINE.

Deharbe's Large Catechism, Part III.

Practical Instructions.

LANGUAGES.

LATIN—*Precepts:* Yenni's Grammar repeated.

Models: Cicero—Letters; Cæsar.

Practice: Original Themes on Syntax and Authors; Arnold.

GREEK—*Precepts:* Yenni—Repetition of more difficult parts of Etymology; Syntax.

Models: Aesop, Hierocles, Lucian.

Practice: Easy exercises in formation of verbs, etc.

ENGLISH—*Precepts:* Coppens' Practical Introduction—Elements of Composition: Words, Sentences, Punctua-

tion; Figures, Epistolary Composition (supplemented by Goold Brown).

Models: Choice selections illustrative of precepts: Irving's Rip Van Winkle and Legend of Sleepy Hollow; Goldsmith's Deserted Village and Traveler; easier selections from Longfellow, etc.; reading of choice selections from Catholic authors.

Practice: Imitations; Original Exercises, including Letter-writing and easier forms of Narration and Description, with special attention to Sentence-building, Punctuation, etc.

MATHEMATICS.

Wentworth's Complete Algebra.

ACCESSORY BRANCHES.

HISTORY—Modern, Fredet.

GEOGRAPHY—Appleton's Standard Higher reviewed, with special reference to Physical Geography.

ELOCUTION—One hour a week.

PENMANSHIP—Daily practice.

SECOND ACADEMIC.

The object of this class is to acquire skill in parsing, readiness in the analysis and construction of sentences, and facility of expression by means of translations and the simpler forms of Composition. Greek is begun in the second term.

CHRISTIAN DOCTRINE.

Deharbe's Large Catechism, Part II.

Practical Instructions.

LANGUAGES.

LATIN—*Precepts:* Yenni's Grammar.

Models: Historia Sacra; Yenni—Fables and Dialogues.

Practice: Easy Themes; Constant drill on English and Latin forms of Verbs; Arnold, with Original Themes.

GREEK—(Begun at the opening of the second term.)—*Precepts:* Yenni's Grammar.

Practice: Constant drill on Nouns, Adjectives and regular Verbs; easy exercises on same.

ENGLISH—*Precepts:* Goold Brown—Syntax and Analysis of Sentences.

Models: Choice selections, pointed out or dictated by the professor, analyzed and memorized.

Practice: Composition with special attention to arrangement of words and amplification of sentences; daily exercises in Reading.

ARITHMETIC.

Ray's New Practical concluded.

ACCESSORY BRANCHES.

HISTORY—Modern, Fredet.

GEOGRAPHY—Appleton's Standard Higher, reviewed one hour a week.

ELOCUTION—One hour a week.

PENMANSHIP—Daily practice.

THIRD ACADEMIC.

In this class the study of Latin is begun. The object of the class is by constant and thorough drill to familiarize the student with the elements of Grammar, both Latin and English, and to begin their application in short and easy themes and compositions.

CHRISTIAN DOCTRINE.

Deharbe's Large Catechism, Part I.

Practical Instructions.

LANGUAGES.

LATIN—*Precepts:* Yenni's Grammar.

Models: Historia Sacra.

Practice: Easy Themes; Constant drill on English and Latin forms of Verbs.

ENGLISH—*Precepts:* Goold Brown—Etymology; Analysis of Sentences.

Models: Choice selections pointed out or dictated by the professor.

Practice: Compositions, with special attention to correct use of words, etc.

Daily practice in reading and correct spelling of difficult and unusual words.

ARITHMETIC.

Ray's New Practical, with special attention given to the Metric System, Percentage and Discount.

ACCESSORY BRANCHES.

HISTORY—United States History, Sadlier, reviewed entire.

GEOGRAPHY—Appleton's Standard Higher.

ELOCUTION—One hour a week.

PENMANSHIP—Daily practice.

COURSE OF ELOCUTION.

FIRST CLASS.

(Philosophy, Rhetoric, Poetry.)

VOCAL CULTURE AND GESTURE DRILL—The whole field of Elocution, reviewing and perfecting the work of preceding years.

Rendition, chiefly of Oratorical and Dramatic selections.

SECOND CLASS.

(Humanities.)

VOCAL CULTURE—Repetition of work of preceding years; Power, Stress, Melody, Pitch, Tone, Slides and Waves.

GESTURE DRILL—More difficult positions; Complex gestures; Calisthenic exercises; Concert drill.

Rendition of Metrical Compositions; Expression of the passions.

THIRD CLASS.

(First Academic.)

VOCAL CULTURE—Repetition of work of preceding years; Inflection of Words and Sentences; Pauses and Cadences; Qualities of voice.

GESTURE DRILL—Combinations of Simple gestures and movements; Calisthenic exercises; Concert drill.

Rendition of less elementary pieces.

FOURTH CLASS.

(Second Academic.)

VOCAL CULTURE—Repetition of work of preceding year; Breathing exercises; Articulation; Pronunciation; Concert drill.

GESTURE DRILL—Position and Movement; Varieties of Simple gestures; Calisthenic exercises; Concert drill.

Rendition of easy selections.

FIFTH CLASS.

(Third Academic.)

VOCAL CULTURE—Breathing exercises; Articulation; Pronunciation of Vowels and Consonants; Concert drill.

GESTURE DRILL—Positions in Reading and Declamation; Simple gestures; Calisthenic exercises; Concert drill.

Rendition of easy selections.

OPTIONAL STUDIES.

FRENCH AND GERMAN.

The study of French or German is optional.

Societies.

Like all centers of learning, the College has encouraged and maintained Societies tending to the various interests of the students. The following deserve particular mention:

The Sodality of the Immaculate Conception

was organized November 9th, 1878. Its object is the cultivation of piety and virtue among its members, and the practice of devotion to the Mother of God.

The Creighton Oratorical Association

was organized in 1884. Its object is to train the members to become ready speakers and fluent writers; to encourage historical study and composition. Though intended mainly for actual students, it is not composed of them exclusively. Meetings are held every week. Debates occur every fortnight—the alternate meetings being occupied with readings, recitations and literary essays.

The Students' Library

was established in 1880, to encourage useful reading. A collection of over 1,800 volumes on various subjects is accessible to the students. The Library is FREE.

The Altar Boys' Society

was organized in 1884. The principal object of this Society is to add beauty and solemnity to Divine worship, by an accurate observance of the liturgic rites and ceremonies; as also to afford Catholic students, distinguished for excellent deportment, the honor of serving in the Sanctuary.

The Creighton University Mandolin and Glee Clubs.

The Glee Club was established in 1885, the Mandolin Club in 1899, to supply music for the quarterly exhibitions, annual commencements and other public exercises of the College.

Requirements for Admission.

Every applicant for admission who is not personally acquainted with some member of the Faculty, must produce proper testimonials of a good moral character. If he comes from another College, he will be required to present a certificate of good standing in the institution which he has left.

Candidates for advanced standing must give satisfactory evidence of being qualified for the class to which they seek admission.

Special Notice.

For admission to the Third Academic Class, a successful written examination will be required in the following subjects:

English Grammar—Orthography and Etymology. (Goold Brown's Grammar, or some work of equal grade.)

Spelling—Of words used in ordinary polite conversation.

Arithmetic—Compound Numbers and Common and Decimal Fractions. (Ray's New Practical Arithmetic, or equivalent.)

Geography—The United States. (Appleton's Standard Elementary, first half, or equivalent.)

No one will be admitted to this class after the 15th of October of each year, unless he is able to pass a successful examination on the matter studied up to that time.

General Regulations.

The Academic Year consists of one session, beginning on the first Monday of September, and ending in the last week of June, when the Annual Commencement, the Conferring of Degrees and the Distribution of Premiums take place.

Punctual attendance is strictly insisted upon. Parents are regularly informed of the non-attendance of their sons, who, in case of absence, are invariably required to bring a note of excuse to the Vice-President. In order that the lessons may be prepared with proper assiduity, parents are requested to insist on their sons studying at home for two or three hours every evening.

The daily work of the students counts one-half for honors.

The College is open every morning at half-past 7 o'clock. Those who come before the time of class proceed at once to the class-rooms, and devote the interval to private study. All are required to be present five minutes before half-past 8 o'clock, at which hour the Catholic Students hear Mass. At 9 o'clock a. m. the regular exercises of class commence, closing at 3 o'clock p. m.

Thursday is the weekly recreation day.

Thorough written examinations are made in all the classes in October, December, March and May. These examinations are competitive and are followed by distribution of Premiums. The percentage obtained by the students is publicly proclaimed, and honors are awarded to the leaders. A MEDAL OF EXCELLENCE is awarded to the student who makes the highest percentage in the collective branches of his class.

Those who make 90 per cent. and upwards, merit the distinction of FIRST HONORS, and those who gain between 85 and 90, SECOND HONORS. Besides these incentives to general endeavor, a first and second prize are given for excellence in each of the branches of every class, but the percentage must be at least 85 in the Collegiate Course, and 80 in the Academic. At the distribution of premiums testimonials of Excellent Deportment are given to deserving students. Reports of the conduct and class-standing of students are sent, after each distribution, to parents and guardians. The premiums at the close of the session are bestowed upon those who have made the highest average percentage in daily work and written examinations. The final written examinations for promotion take place in June.

Parents who wish to withdraw their sons before the end of the session, are respectfully requested to give due notice of their intention to the Vice-President. Many inconveniences will thus be avoided, and order secured. Should any student leave of his own accord, or be withdrawn without such notice, or without giving satisfactory reasons, he will not be re-admitted.

For faults committed outside of the premises, the officers of the College are by no means responsible, as students cease then to be under their jurisdiction; still, should any serious charge be fairly substantiated, the guilty shall be punished according to the gravity of the offense.

Whoever damages the College property must make compensation.

The use of tobacco is not allowed.

The use of profane language, or anything bordering on immorality, will subject the offender to expulsion.

Order of the Day.

Morning.

COLLEGIATE DEPARTMENT.	ACADEMIC DEPARTMENT.
8:30 Mass.	Mass.
9:00 Latin, Mathematics.	Latin.
10:00 Recess.	Recess.
10:15 Philosophy, Greek.	Greek, History, Geography.
11:00 Physics, Chemistry, Bookkeeping.	Religious Instruction, Penmanship, French, German.
11:55 Recess.	Recess.

Afternoon.

1:00 Evidences of Religion, Literature, Rhetoric.	Rhetoric, English Grammar, Spelling.
1:55 Recess.	Recess.
2:05 Philosophy, Mathematics.	Mathematics, Arithmetic.
3:00 Classes Dismissed.	Classes Dismissed.

Terms.

TUITION IS ENTIRELY FREE.

No ordinary expenses are incurred except the cost of text-books, which is about $7 a year.

Following the practice of all institutions of learning, to which free colleges like this are not an exception, students of the Natural Sciences are expected to pay for the use of chemical and physical apparatus. The charge is $10 per annum.

The Graduation fee is $10.

The College is for day-scholars only.

While the Vice-President will cheerfully direct students from a distance to find suitable homes at reasonable rates for board and lodging, neither he nor the other College authorities will consent to act as guardians, or in any way hold themselves responsible for the conduct of these students, when not actually under College supervision. Good board and lodging can be obtained at from $3.00 to $4.00 per week.

For further information apply to the President or Vice-President of the College.

Officers, Faculty and Students.

1898=99.

Officers.

REV. M. P. DOWLING, S. J.,

PRESIDENT.

REV. JOHN B. HEMANN, S. J.,

VICE-PRESIDENT, PREFECT OF STUDIES AND DISCIPLINE.

REV. MARTIN M. BRONSGEEST, S. J.,

CHAPLAIN.

REV. JOHN J. SENNHAUSER, S. J.,

LIBRARIAN.

Faculty.

Collegiate Department.

REV. CHARLES COPPENS, S. J.,
Professor of Logic, Metaphysics and Ethics;
Lecturer on Evidences of Religion and English Literature.

REV. WILLIAM F. RIGGE, S. J.,
Professor of Astronomy, Mathematics and Physics.

MR. CHARLES F. CROWLEY, A. M., Ph. C.,
Professor of Chemistry.

REV. ALEXANDER J. BURROWES, S. J.,
Professor of Rhetoric and Literature.

MR. JOSEPH P. CONROY, S. J.,
Professor of Poetry and Elocution.

MR. WILLIAM P. WHELAN, S. J.,
Professor of Humanities, Bookkeeping and Elocution.

REV. JOHN J. SENNHAUSER, S. J.,
Professor of Mathematics.

Faculty.

Academic Department.

MR. MARTIN LUERSMAN, S. J.,
Professor of First Academic.

MR. ROLAND J. KENNY, S. J.,
Professor of Second Academic and Elocution.

MR. F. GEORGE DINNEEN, S. J.,
Professor of Third Academic and Elocution.

REV. JOHN B. HEMANN, S. J.,
MR. MARTIN LUERSMAN, S. J.,
MR. F. GEORGE DINNEEN, S. J.,
Instructors in Christian Doctrine.

MR. WILLIAM P. WHELAN, S. J.,
MR. ROLAND J. KENNY, S. J.,
Prefects of Discipline.

MR. F. GEORGE DINNEEN, S. J.,
Librarian of the Students' Library.

MR. J. A. HUSTER,
Professor of Instrumental Music.

Students.

NAME	CLASS
Baliman, Francis R.,	First Academic
Beckman, Anthony F.,	Third Academic
Bennewitz, John A.,	Poetry
Bickert, Robert L.,	Poetry
Brannen, George A.,	Humanities
Brennan, Thomas J.,	Second Academic
Browne, Joseph T.,	Third Academic
Brown, William D.,	Second Academic
Brownrigg, Raymond W.,	Humanities
Bugee, John A.,	First Academic
Bugee, John T.,	Second Academic
Buglewicz, Stanislaus J.,	Humanities
Burke, Charles S.,	Second Academic
Bushman, Robert H.,	First Academic
Cahill, Charles,	Third Academic
Callahan, Edward J.,	Third Academic
Casey, Dennis F.,	Second Academic
Cassidy, Philip,	Third Academic
Clair, John F.,	Third Academic
Coad, William J.,	Philosophy
Cobry, John J.,	Third Academic
Coffman, Weir D.,	Humanities
Collins, Edward J.,	Second Academic
Condon, William F.,	Poetry
Coughlin, Bernard P.,	Second Academic
Creighton, Edward A.,	Third Academic
Daley, Charles E.,	Third Academic
Dames, Alphonse F.,	Second Academic
Dargazewski, Abdon,	Third Academic

NAME	CLASS
Dignan, Michael J.,	Humanities
Dougherty, Lee J.,	Humanities
Doup, William W.,	First Academic
Dreier, Bernard,	Third Academic
Driscoll, Francis A.,	First Academic
Dunnigan, Thomas F.,	Second Academic
Dwyer, Patrick,	Second Academic
Egan, Joseph B.,	Philosophy
Epps, Leo P.,	Third Academic
Fagan, James P.,	Third Academic
Fagan, John A.,	First Academic
Fearon, Edward E.,	Third Academic
Fennell, Patrick J.,	Second Academic
Fitzgerald, James M.,	First Academic
Fitzgibbon, Henry M.,	Second Academic
Flynn, Andrew M.,	Rhetoric
Foran, Henry A.,	First Academic
Foy, Hugh F.,	Third Academic
Furay, Guy V.,	Rhetoric
Gallagher, Paul G.,	Third Academic
Gentleman, John A.,	Humanities
Gillespie, Edward J.,	Philosophy
Gillespie, P. Henry,	First Academic
Gleason, Matthew P.,	Rhetoric
Green, Thomas C.,	Second Academic
Hall, Henry J.,	First Academic
Hanchett, Reid C.,	Second Academic
Hart, Edward L.,	First Academic
Hart, John J.,	Second Academic
Higgins, Joseph E.,	Poetry
Hoban, Patrick J.,	Poetry
Hobrecht, Charles B.,	Third Academic

NAME	CLASS
Hodson, Henry, . . .	Third Academic
Holst, John, ...	Third Academic
Huber, Albert, . . .	First Academic
Hughes, Walter L., . . .	Third Academic
Hurley, Daniel J., . .	Second Academic
Jenal, Edward L., . . .	First Academic
Johnson, Louis D., . .	Philosophy
Kane, William B., . . .	Second Academic
Kearns, William, . . .	Rhetoric
Keegan, Francis R., . .	First Academic
Kehoe, Nicholas R., . .	Second Academic
Kelleher, Patrick, . . .	Second Academic
Kelley, Christopher P., .	Poetry
Kelly, Thomas A., . . .	First Academic
Kennedy, Hugh A., . .	Third Academic
Kennedy, Patrick F., . .	Second Academic
Knight, William A., . .	Third Academic
Kocarnik, Francis J., . .	Second Academic
Kohne, Christopher J., .	Poetry
Krug, Edmund V., . . .	Rhetoric
Lane, James P., . . .	Humanities
Langdon, J. Frederick, . .	Humanities
Langdon, William K., .	Third Academic
Larkin, Bernard J., . . .	Third Academic
Larkin, Michael F., . .	Third Academic
Leahy, Eugene A., . . .	First Academic
Leary, Edward F., . .	Humanities
Leary, William J., . . .	Rhetoric
Lee, Clement J., . . .	Third Academic
Lee, George, ...	Second Academic
Lovely, William E., . .	Humanities
Lowry, Robert J., . . .	Humanities
Lynch, Thomas R., . .	Second Academic

NAME	CLASS
Lynch, William P.,	Humanities
Lynam, John P.,	Second Academic
Manahan, Francis T.,	Second Academic
Martin, Anthony R.,	Humanities
Martin, Mark T.,	Third Academic
Marx, Matthias,	First Academic
McCaffrey, C. Joseph,	Second Academic
McCaffrey, Francis M.,	Second Academic
McCaffrey, Hugh A.,	Humanities
McCaffrey, William J.,	Humanities
McCleneghan, Samuel,	Humanities
McCormick, John J.,	Second Academic
McCrann, John C.,	Third Academic
McDermott, John P.,	Third Academic
McDunn, Thomas E.,	Third Academic
McLaughlin, John J.,	First Academic
McManus, Philip,	Second Academic
McNamara, Edward J.,	Third Academic
McNamara, Joseph M.,	Third Academic
McShane, Arthur J.,	Third Academic
McShane, Felix J.,	First Academic
McShane, James H.,	Humanities
McShane, Thomas J.,	Philosophy
Moran, William J.,	Second Academic
Morrell, Francis A.,	Philosophy
Morrissey, Hugh S.,	Second Academic
Mostyn, Henry J.,	Second Academic
Mulgrew, Leon E.,	First Academic
Mullin, William L.,	First Academic
Murphy, David A.,	Rhetoric
Murphy, John R.,	Rhetoric
Murphy, John W.,	Third Academic
Murtagh, James R.,	Second Academic
Nachtigall, Joseph J.,	Third Academic

NAME	CLASS
Neary, Thomas E.,	Rhetoric
Nestlebush, James,	Third Academic
O'Connor, Thomas J.,	Second Academic
O'Donovan, Cornelius M.,	Third Academic
O'Hanlon, Henry F.,	First Academic
O'Hern, Michael J.,	Rhetoric
O'Keefe, William P.,	First Academic
O'Malley, Charles E.,	Second Academic
O'Neill, Francis P.,	First Academic
O'Neill John J.,	Third Academic
O'Rourke, John M.,	Humanities
Palmer, Ralph G.,	First Academic
Peck, Lyman,	Third Academic
Power, Nicholas J.,	Humanities
Prendergast, James F.,	First Academic
Quinlan, Joseph A.,	First Academic
Quinn, John E.,	Humanities
Rakowski, John S.,	Poetry
Real, James S.,	First Academic
Riley, Cornelius A.,	Third Academic
Rogers, Herbert J.,	Third Academic
Sadlier, Peter M.,	Humanities
Schall, William A.,	Second Academic
Scott, Patrick J.,	First Academic
Shannon, Michael J.,	Third Academic
Simanek, George F.,	Humanities
Smith, Cornelius J.,	Second Academic
Smith, John T.,	Philosophy
Smith, Thomas P.,	Poetry
St. John, A. Burgess,	First Academic
Sullivan, Eugene A.,	Poetry

NAME	CLASS
Sullivan, Mark J., . . .	Third Academic
Sullivan, Maurice E., . .	Second Academic
Sullivan, Murt M., . .	Philosophy
Sullivan, Paul J., . . .	Humanities
Tietz, George A., . . .	Second Academic
Trenberth, Henry, . . .	Third Academic
Tynan, Edward, . . .	Third Academic
Vorwald, Frederick J., . .	Second Academic
Walker, Joseph C., . .	Humanities
Walsh, James P., . . .	Second Academic
Weber, Frederick C., . .	Third Academic
White, John J., ...	Third Academic
Wiederkehr, Charles F., .	Third Academic
Williams, Cecil F., . . .	Second Academic
Winston, George G., . .	Third Academic
Wolfe, James G., . . .	Humanities
Woodard, James E., . .	Humanities

Societies.

Sodality of the Immaculate Conception.

DIRECTOR,

FIRST TERM.	SECOND TERM.
Rev. A. J. Burrowes, S. J.	Rev. A. J. Burrowes, S. J.

OFFICERS:

Prefect,

Thomas J. McShane.	Thomas J. McShane.

First Assistant,

David A. Murphy.	Murt M. Sullivan.

Second Assistant,

Murt M. Sullivan.	David A. Murphy.

Secretary,

Matthew P. Gleason.	Matthew P. Gleason.

Sacristans,

Edward J. Gillespie,	Edward J. Gillespie,
Christopher J. Kohne.	Christopher J. Kohne.

Medal Bearers,

John A. Bennewitz,	John A. Bennewitz,
Guy V. Furay.	Guy V. Furay.

Instructor of Candidates,

Michael J. O'Hern.	Michael J. O'Hern.

Consultors,

William J. Coad,	William J. Coad,
Andrew M. Flynn,	Andrew M. Flynn,
Edmund V. Krug,	William Kearns,
Robert L. Bickert,	Eugene A. Sullivan,
John A. Gentleman,	Robert L. Bickert,
George F. Simanek,	John A. Gentleman,
George A. Brannen,	George F. Simanek,
P. Henry Gillespie,	George A. Brannen,
Henry M. Fitzgibbon,	Nicholas R. Kehoe,
Nicholas R. Kehoe.	William F. Condon.

St. John Berchmans Sanctuary Society.

MR. WILLIAM P. WHELAN, S. J., *President.*

OFFICERS:

FIRST TERM.	SECOND TERM.
Vice-President,	
THOMAS J. MCSHANE.	THOMAS J. MCSHANE.
Recording Secretary,	
GUY V. FURAY.	JOHN A. GENTLEMAN.
Corresponding Secretary,	
WILLIAM F. CONDON.	FRANCIS A. MORRELL.
Censors,	
EDWARD J. GILLESPIE,	EDWARD J. GILLESPIE,
FRANCIS A. MORRELL.	GUY V. FURAY.
Treasurer,	
JOHN A. GENTLEMAN.	EDWARD F. LEARY.

The Students' Library and Reading Room Association.

MR. F. GEORGE DINNEEN, S. J., *Director.*

OFFICERS:

Vice-President,	*Recording Secretary,*
FRANCIS A. MORRELL.	GUY V. FURAY.
Corresponding Secretary,	*Treasurer,*
THOMAS J. MCSHANE.	EDWARD F. LEARY.
Librarians,	
MICHAEL J. O'HERN.	JOHN A. BENNEWITZ.
Censors,	
DAVID A. MURPHY.	WILLIAM D. BROWN.

The Creighton Oratorical Association.

President,

MR. JOSEPH P. CONROY, S. J.

OFFICERS:

FIRST TERM.	SECOND TERM.
Vice-President,	
JOHN T. SMITH.	JOHN T. SMITH.
Recording Secretary,	
THOMAS J. MCSHANE.	THOMAS J. MCSHANE.
Corresponding Secretary,	
WILLIAM J. COAD.	DAVID A. MURPHY.
Treasurer,	
MATTHEW P. GLEASON.	MATTHEW P. GLEASON.
Censors,	
EDWARD J. GILLESPIE,	EDWARD J. GILLESPIE,
ANDREW M. FLYNN.	ANDREW M. FLYNN.
Committee on Debates,	
LOUIS D. JOHNSON,	LOUIS D. JOHNSON,
MURT M. SULLIVAN,	MURT M. SULLIVAN,
DAVID A. MURPHY.	JOHN T. SMITH.

The University Glee Club.

OFFICERS:

President.....JOHN T. SMITH.
Vice-President.....MICHAEL J. O'HERN.
Secretary.....THOMAS J. MCSHANE.
Treasurer.....WILLIAM J. COAD.
Censor.....JAMES E. WOODARD.
Librarian.....WEIR D. COFFMAN.
Accompanist.....WILLIAM A. MCCAFFREY.

Members, 32.

REV. J. B. HEMANN, S. J., *Director.*

The University Mandolin Orchestra.

OFFICERS:

Director.....Prof. Albin J. Huster.
President.....John A. Gentleman.
Vice-President.....Weir D. Coffman.
Secretary.....Robert H. Bushman.
Treasurer.....Guy V. Furay.
Librarian.....John J. McLaughlin.

MEMBERS:

First Mandolins,

Francis R. Baliman,
Charles S. Burke,
Weir D. Coffman,
Francis A. Driscoll,
Bernard J. Larkin,
Michael F. Larkin,
William A. McCaffrey,
Hugh A. McCaffrey,
Felix J. McShane,
James H. McShane,
William P. O'Keefe,
Cecil F. Williams,
William P. Lynch.

Second Mandolins,

William D. Brown,
Lee J. Dougherty,
Joseph B. Egan,
John A. Fagan,
Guy V. Furay,
Henry J. Hall,
J. Frederick Langdon,
Edward F. Leary,
Francis A. Morrell,
Charles E. O'Malley,
Ralph G. Palmer,
James E. Woodard.

Guitars,

Robert H. Bushman,
Edward A. Creighton,
James P. Fagan,
Edward L. Hart,
Robert J. Lowry,
Francis M. McCaffrey,
John P. McDermott,
John R. Murphy,
Joseph M. McNamara,
Eugene A. Sullivan.

John A. Gentleman.....First Violin.
John J. McLaughlin.....Second Violin.
Jesse V. Owens.....Flute.
Joseph C. Walker.....Bass Violin.

Astronomy.

CREIGHTON UNIVERSITY offers its students facilities in the study of practical astronomy that are equaled by few institutions in the land. The Observatory that it places at their command is of the most modern design and furnished with the very best instruments. A summary of its advantages will illustrate the thoroughness with which CREIGHTON UNIVERSITY intends to equip its departments.

The Observatory is very favorably situated upon high ground, about 250 feet north of the main entrance of the College. With the exception of about fifteen degrees between the south and southwest, the entire sky is visible down to the very horizon. The Observatory building, as will be seen from the frontispiece, consists of two main portions, an equatorial and a transit room. The former is cylindrical in shape and carries a sheet-iron dome, the opening of which may be turned to any part of the heavens. The telescope, made by Steward, of London, is equatorially mounted and provided with divided circles, a driving clock, seven eye-pieces, a micrometer, and the necessary clamps and slow motion screws on both axes. The lens is excellent and of five inches aperture. An observing-chair may be adjusted to any convenient position.

The transit room is square and faced with pressed brick inside and outside like the equatorial room. A slit, 18 inches wide, extends completely across the building and gives an uninterrupted view of the entire meridian. In the center of this room is the gem of the Observatory, a three-inch transit circle by Fauth & Co. It serves the triple purpose of transit instrument, meridian circle and zenith telescope. The eye-piece is furnished with right ascension and declination micrometers,

which control the positions of seven vertical and two horizontal threads. A striding-level, with a value of one of its divisions less than a second of arc, determines the level error.

Upon its axis the instrument carries a ring, or circular handle, by means of which it is moved in altitude, and two sixteen-inch circles. One of these is a finder, and is so distinctly graduated that it is usually set to the minute without the use of a magnifying-glass. The other is the divided circle, and is read by two micrometer microscopes to the tenth of a second of arc. A delicate level controls the positions of the microscopes.

A third level may be attached to the axis of the instrument to adapt it for use as a zenith telescope.

In the angle between the equatorial and transit rooms a vault has been built with a triple brick wall and a triple roof. It houses a Howard mean time clock and a Fauth sidereal clock. The vault fulfills its object well, for no matter how much or how rapidly the thermometer may drop in the open air, in the vault no change of as much as two degrees a day has been noted. It may be heated by electricity when an absolutely uniform temperature is desired.

A Fauth chronograph, the barrel of which may be revolved once or twice a minute, is in connection with the transit and the equatorial, as well as with the sidereal and solar clocks and with other observatories, any combination whatever being effected by a simple switchboard. For years the noon signals of the Washington clock have been recorded daily on our chronograph, and on August 5, 6, 7, 1887, a formal exchange of longitude signals between that observatory and ours took place, which resulted in our transit being 1h 15m 34s.92 west of Washington, or 6h 23m 46s.96 west of Greenwich. Its latitude is 41 degrees 16 minutes 5.6 seconds north, and its axis 1150 feet above sea level.

Besides these essential instruments above described, there is a regulator, which operates an electric dial in the College, a

chronometer, barometer, thermometers, astronomical theodolite, a double-mirror heliostat, completely mounted 15-inch celestial and terrestrial globes, Bailey's astral lantern, and a number of minor instruments and attachments.

The Observatory and its instruments are lighted throughout by a double system of electric lighting, that is, by sixteen-candle-power and by one-candle-power lamps, at a pressure of 106 and of 4 volts.

The cost of erection was largely borne by Hon. John A. Creighton and Hon. John A. McShane.

The Observatory library is small as yet, but it contains material very serviceable to the student. Amongst other works there are the more important ones of Chauvenet, Loomis, Young, Newcomb, Langley, Clerke, Nasmyth and Carpenter, Proctor, Webb, Poole's Celestial Handbook, Gledhill's Double Stars, Klein's Atlas, Father Hagen's Atlas of Variable Stars, Bowditch's Navigator and Laplace, and all the astronomical publications of the Government and the Smithsonian Institution and of a few observatories. The equatorial room contains Poole's Map of the Moon and a dozen selected and framed photo-engravings of the heavenly bodies. The transit room contains pictures of various types of astronomical instruments, photographs of noted astronomers, and graphic constructions of solar and lunar eclipses by students of the College.

The actual use made of the Observatory by the students has invariably been satisfactory. The transit has always been the instrument selected in preference to the equatorial, and the work has been thorough. The collimation was observed frequently, the chronograph sheets faithfully read, and the usual reductions to the middle thread, the collimation, level, azimuth and clock corrections duly applied.

Class work comprises the whole of descriptive astronomy generally. In addition, some points of practical astronomy are specially emphasized. Besides the mathematical theory of the

equatorial, the transit instrument, the meridian circle, and the zenith telescope, and the computations these entail, together with the practical use of the American Ephemeris, the class studies the formulæ for the transformation of spherical co-ordinates, the principle of the sun-dial upon any plane at any place, the elements of the theory of planetary orbits, the determination of the true from the apparent ellipse of a double star, and the graphic construction of solar and lunar eclipses and occultations.

The foregoing summary will convince any one conversant with the subject that the astronomical department of CREIGHTON UNIVERSITY aims to be on a level with the highest kindred institutions in the land.

A. M. D. G.

Contest in Oratory and Elocution.

Collegiate Department.

May 17th, 1899.

ORATORY.

Subject:

"The Anglo-American Alliance."

JUDGES:

HON. WILLIAM D. MCHUGH, LL. D., HON. CHARLES J. GREENE, LL. D.,
VICTOR H. COFFMAN, M. D., CHARLES C. ALLISON, M. D.

PROGRAMME:

MUSIC—"University March".....J. *A. Huster*
UNIVERSITY MANDOLIN ORCHESTRA.

SPEAKERS:

MICHAEL J. O'HERN, '00, WILLIAM J. COAD, '99,
DAVID A. MURPHY, '00.

CHORUS—"Tinkers' Song".....*DeKoven*
UNIVERSITY GLEE CLUB.

ELOCUTION.

DECLAMATIONS:
First Grade.

THOMAS J. MCSHANE, '99......"The Miser Punished"
GUY V. FURAY, '00......"The Traitor's Death"
WILLIAM F. CONDON, '01....."Parrhasius and the Captive"
SONG—"Sleep Well".....*Arr. by Shattuck*
ALUMNI QUARTET.

DECLAMATIONS:
Second Grade.

JAMES E. WOODARD, '02....."Eugene Aram"
EDWARD F. LEARY, '02....."Lasca"
ROBERT J. LOWRY, '02....."A Legend of Bregenz"
MUSIC—"Love's Dreamland Waltzes".....*Arr. by Brandamour*
UNIVERSITY MANDOLIN ORCHESTRA.

THE CREIGHTON COLLEGE.

A. M. D. G.

Contest in Elocution.

Academic Department.

May 16th, 1899.

PROGRAMME:

MUSIC—"Sounds of Spring".....*Behr*
UNIVERSITY MANDOLIN ORCHESTRA.

CHORUS—"Welcome, Liege Lord".....*Brusselbach*
JUNIOR GLEE CLUB.

DECLAMATIONS:

Fifth Grade.

MARK T. MARTIN, CLEMENT J. LEE, JOHN J. WHITE..."The Young Actor"
DUET—"O, Boatman".....*Sullivan*
JOHN J. O'NEILL, CLEMENT J. LEE.

DECLAMATIONS:

Fourth Grade.

JOSEPH C. MCCAFFREY....."Tom"
WILLIAM D. BROWN....."The Royal Archer"
ALPHONSE F. DAMES....."Bill and I"
CHORUS—"Sleighing Glee".....*Cook*
JUNIOR GLEE CLUB.

DECLAMATIONS:

Third Grade.

ROBERT H. BUSHMAN....."Gualberto's Victory"
FRANCIS R. BALIMAN....."Speech of Mark Antony"
MUSIC—"My Old Kentucky Home".....*Arr. by Hamilton*
UNIVERSITY MANDOLIN ORCHESTRA.

JUDGES:

REV. M. P. DOWLING, S. J.,
REV. A. J. BURROWES, S. J.,
REV. W. COYLE, S. J.,
MR. W. P. WHELAN, S. J.

A. M. D. G.

Rip Van Winkle,

A Drama in Five Acts,

....BY....

Students of the Collegiate Department,

December 22d, 1898.

Cast of Characters:

Rip Van Winkle	Joseph B. Egan
Rip Van Winkle, Jr., his son	John A. Gentleman
Verplank, Rip's father-in-law	William J. Coad
Knickerbocker, schoolmaster	Michael J. O'Hern
Derric Van Clausen, burgomaster	Matthew P. Gleason
Herman, his son	James E. Woodard
Nicholas Vedder, Rip's friend	Daniel J. Hurley
Van Clip, Knickerbocker's friend	Francis R. Baliman
Brom Bones	Thomas J. McShane
Swaggerino, Gauderkin, Icken, Nogo, — Spirits of the Catskills,	Edward A. Creighton, Edward F. Leary, James H. McShane, Robert J. Lowry
Jonathan Doolittle, innkeeper	William F. Condon
Sink, Swim, — Lawyers,	David T. Murphy, Guy L. Furay
Judge Marlow	Weir D. Coffman

Clerk of the Court, Bailiff, Villagers, etc.

Acknowledgments.

Grateful acknowledgment is made for the following benefactions during the year:

MESSRS. KEARNS AND KEITH, through Hon. John A. Creighton, a handsome oak cabinet, containing a large collection of minerals, mostly from Park City, Utah, all neatly numbered and catalogued. The collection includes very rich ores of gold, silver, copper and lead. There are also in the collection two gold nuggets from the Klondike, a beautiful group of quartz crystals overlaid with cerussite and galena, samples of refined silver, ores of zinc and iron, and many minor specimens.

CLASS OF '99, an automatic alternating-current arc-light regulator for the stereopticon, with rheostat.

A. M. D. G.

Twenty-First

...Annual Commencement..

COLLEGE HALL,

Friday, June 23d, 1899,

AT EIGHT P. M.

ORDER OF EXERCISES.

Music—"Sentinel's Dream," - - - - - - - - HAMILTON
UNIVERSITY MANDOLIN ORCHESTRA.
Class Poem, - - - - - - - - - - - JOSEPH B. EGAN
Oration—"Monopolies," - - - - - - - WILLIAM J. COAD
Song—"Annie Laurie," - - - - - - - - - - BUCK
ALUMNI GLEE CLUB.
Oration—"Arbitration," - - - - - - MURT M. SULLIVAN
Oration—"Imperialism," - - - - - - - JOHN T. SMITH
Music—"Medley," - - - - - - - - - - HUSTER
UNIVERSITY MANDOLIN ORCHESTRA.
Master's Oration—"Annexation," - - THOMAS F. LEE, LL. B., A. B.

CONFERRING OF DEGREES.

Valedictory, - - - - - - - - - THOMAS J. MCSHANE
Song—"Serenade," - - - - - - - - - - KNYVETT
UNIVERSITY GLEE CLUB.

AWARD OF MEDALS.

Music—"Le Petit Bal," - - - - - - - Arr. by BRANDAMOUR
UNIVERSITY MANDOLIN ORCHESTRA.

Conferring of Degrees.

The Degree of Master of Arts

WAS CONFERRED UPON

PETER L. GILLESPIE, A. B.,
JOHN W. HELLWIG, A. B.,
THOMAS F. LEE, LL. B., (State Univ. of Iowa.) A. B.

The Degree of Bachelor of Arts

WAS CONFERRED UPON

WILLIAM J. COAD,
JOSEPH B. EGAN,
EDWARD J. GILLESPIE,
LOUIS D. JOHNSON,
THOMAS J. McSHANE,
FRANCIS A. I. MORRELL,
JOHN T. SMITH,
MURT M. SULLIVAN.

Honors.

The Gold Medal

For the Highest Honors of the Class of '99

WAS MERITED BY

JOHN T. SMITH.

NEXT IN MERIT:

JOSEPH B. EGAN.

DONOR OF MEDAL:

HON. JOHN A. CREIGHTON.

The Inter-Collegiate Latin Contest

Among four hundred competitors belonging to the classes of Rhetoric, Poetry and Humanities of

ST. LOUIS UNIVERSITY, St. Louis, Missouri;
ST. MARY'S COLLEGE, St. Mary's, Kansas;
ST. XAVIER COLLEGE, Cincinnati, Ohio;
DETROIT COLLEGE, Detroit, Michigan;
ST. IGNATIUS COLLEGE, Chicago, Illinois;
MARQUETTE COLLEGE, Milwaukee, Wisconsin;
CREIGHTON UNIVERSITY, Omaha, Nebraska;

THE FIRST PLACE WAS MERITED BY

JOHN A. BENNEWITZ,
of the Creighton University, Omaha, Nebraska.

THE THIRD PLACE WAS WON BY

EUGENE A. SULLIVAN,
of the Creighton University.

THE FIFTH PLACE WAS WON BY

EDWARD F. LEARY,
of the Creighton University.

Subject: "The Death of William the Conqueror."

The Inter-Collegiate English Contest.

THE THIRD PLACE WAS MERITED BY

JOSEPH B. EGAN,

of the Creighton University.

THE EIGHTH PLACE WAS MERITED BY

MURT M. SULLIVAN,

of the Creighton University.

Subject: "Catholic Spirit of the Renaissance Exemplified in Shakespeare's Works."

The Gold Medal.

For the Best English Essay

WAS MERITED BY

JOSEPH B. EGAN.

NEXT IN MERIT:

MURT M. SULLIVAN, MATTHEW P. GLEASON,

DAVID A. MURPHY, MICHAEL J. O'HERN.

DONOR OF MEDAL:

RIGHT REV. RICHARD SCANNELL, D. D.

Oratorical Contest.

The Gold Medal

For the Best Oration

WAS MERITED BY

WILLIAM J. COAD.

NEXT IN MERIT:

DAVID A. MURPHY,
WILLIAM KEARNS,
MICHAEL J. O'HERN,
JOSEPH B. EGAN.

DONOR OF MEDAL:

DR. VICTOR H. COFFMAN.

Subject: "The Anglo-American Alliance."

Award of Class Medals and Premiums.

Collegiate Department.

CLASS OF RHETORIC

THE GOLD MEDAL

FOR THE

HIGHEST AVERAGE

In the Collective Branches of the Class was merited by

DAVID A. MURPHY.

Donor of Medal: Hon. John A. McShane.

First Honors:

Matthew P. Gleason, Michael J. O'Hern.

CLASS PREMIUMS

EVIDENCES OF RELIGION.

First Premium:
Matthew P. Gleason.

Second Premium:
David A. Murphy.

ENGLISH COMPOSITION.

First Premium:
Matthew P. Gleason.

Second Premium:
David A. Murphy.

LATIN.

First Premium:
Matthew P. Gleason.

Second Premium:
David A. Murphy.

MATHEMATICS.

First Premium:
David A. Murphy.

Second Premium:
Matthew P. Gleason.

GREEK.

First Premium:
DAVID A. MURPHY.

Second Premium:
MICHAEL J. O'HERN.

PHYSICS.

First Premium:
GUY V. FURAY.

Second Premium:
MATTHEW P. GLEASON.

PRECEPTS OF ORATORY.

First Premium:
DAVID A. MURPHY.

Second Premium:
MICHAEL J. O'HERN.

CHEMISTRY.

Premium:
MATTHEW P. GLEASON.

CLASS OF POETRY

THE GOLD MEDAL

FOR THE

HIGHEST AVERAGE

In the Collective Branches of the Class was merited by

JOHN A. BENNEWITZ.

Donor of Medal: VERY REV. JOHN JENNETTE.

Second Honors:

CHRISTOPHER J. KOHNE, CHRISTOPHER P. KELLEY,
EUGENE A. SULLIVAN.

CLASS PREMIUMS

EVIDENCES OF RELIGION.

First Premium:
JOHN A. BENNEWITZ.

Second Premium:
CHRISTOPHER J. KOHNE.

PRECEPTS OF RHETORIC.

First Premium:
JOHN A. BENNEWITZ.

Second Premium:
CHRISTOPHER J. KOHNE.

LATIN.

First Premium:
JOHN A. BENNEWITZ.

Second Premium:
EUGENE A. SULLIVAN.

ENGLISH COMPOSITION.

First Premium:
CHRISTOPHER P. KELLEY.

Second Premium:
JOHN A. BENNEWITZ.

GREEK.

First Premium:
EUGENE A. SULLIVAN.

Second Premium:
JOHN A. BENNEWITZ.

HISTORY.

First Premium:
JOHN A. BENNEWITZ.

Second Premium:
CHRISTOPHER J. KOHNE.

MATHEMATICS.

First Premium:
ROBERT L. BICKERT.

Second Premium:
JOHN A. BENNEWITZ.

CLASS OF HUMANITIES

THE GOLD MEDAL

FOR THE

HIGHEST AVERAGE

In the Collective Branches of the Class was merited by

EDWARD F. LEARY.

Donor of Medal: HON. FRANK J. BURKLEY.

First Honors:

J. FREDERICK LANGDON, ROBERT J. LOWRY,

JAMES G. WOLFE.

Second Honors:

JOSEPH C. WALKER, WILLIAM P. LYNCH,
JAMES H. MCSHANE.

CLASS PREMIUMS

CHRISTIAN DOCTRINE.

First Premium:
J. FREDERICK LANGDON.

Second Premium:
EDWARD F. LEARY.

ENGLISH COMPOSITION.

First Premium:
JAMES G. WOLFE.

Second Premium:
WILLIAM P. LYNCH.

LATIN.

First Premium:
EDWARD F. LEARY.

Second Premium:
J. FREDERICK LANGDON.

HISTORY.

First Premium:
ROBERT J. LOWRY.

Second Premium:
JOSEPH C. WALKER.

GREEK.

First Premium:
EDWARD F. LEARY.

Second Premium:
J. FREDERICK LANGDON.

MATHEMATICS.

First Premium:
GEORGE A. BRANNEN.

Second Premium:
J. FREDERICK LANGDON.

ENGLISH PRECEPTS.

First Premium:
EDWARD F. LEARY.

Second Premium:
JOSEPH C. WALKER.

BOOK-KEEPING.

First Premium:
JAMES E. WOODARD.

Second Premium:
JOSEPH C. WALKER.

Academic Department.

FIRST ACADEMIC CLASS

THE GOLD MEDAL

FOR THE

HIGHEST AVERAGE

In the Collective Branches of the Class was merited by

EDWARD L. HART.

Donor of Medal: VERY REV. PATRICK SMYTH.

First Honors:

LEON E. MULGREW, HENRY F. O'HANLON,
EDWARD L. JENAL.

Second Honors:

ALBERT HUBER, MATTHIAS MARX,
FRANCIS A. DRISCOLL.

CLASS PREMIUMS

CHRISTIAN DOCTRINE.

First Premium:
LEON E. MULGREW.

Second Premium:
EDWARD L. HART.

ENGLISH COMPOSITION.

First Premium:
ALBERT HUBER.

Second Premium:
JAMES M. FITZGERALD.

LATIN.

First Premium:
EDWARD L. HART.

Second Premium:
HENRY A. FORAN.

HISTORY.

First Premium:
EDWARD L. JENAL.

Second Premium:
LEON E. MULGREW.

GREEK.

First Premium:
EDWARD L. HART.

Second Premium:
HENRY A. FORAN.

GEOGRAPHY.

First Premium:
HENRY F. O'HANLON.

Second Premium:
WILLIAM P. O'KEEFE.

ENGLISH PRECEPTS.

First Premium:
ALBERT HUBER.

Second Premium:
LEON E. MULGREW.

ALGEBRA.

First Premium:
EDWARD L. JENAL.

Second Premium:
PATRICK J. SCOTT.

SECOND ACADEMIC CLASS

THE GOLD MEDAL

FOR THE

HIGHEST AVERAGE

In the Collective Branches of the Class was merited by

GEORGE LEE.

Donor of Medal: HON. JOHN F. COAD.

First Honors:

WILLIAM D. BROWN, JOHN P. LYNAM,
CORNELIUS J. SMITH, THOMAS R. LYNCH.

Second Honors:

THOMAS C. GREEN, ALPHONSE F. DAMES.

CLASS PREMIUMS

CHRISTIAN DOCTRINE.

First Premium:
ALPHONSE F. DAMES.

Second Premium:
GEORGE LEE.

ENGLISH COMPOSITION.

First Premium:
WILLIAM D. BROWN.

Second Premium:
GEORGE LEE.

LATIN.

First Premium:
GEORGE LEE.

Second Premium:
THOMAS R. LYNCH.

HISTORY.

First Premium:
GEORGE LEE.

Second Premium:
WILLIAM D. BROWN.

GREEK.

First Premium:
(Equal,)
JOHN T. BUGEE,
GEORGE LEE.

GEOGRAPHY.

First Premium:
(Equal,)
WILLIAM D. BROWN,
GEORGE LEE.

ENGLISH GRAMMAR.

First Premium:
CORNELIUS J. SMITH.

Second Premium:
GEORGE LEE.

ARITHMETIC.

First Premium:
CORNELIUS J. SMITH.

Second Premium:
JOHN P. LYNAM.

PENMANSHIP.

First Premium:
GEORGE A. TIETZ.

Second Premium:
FRANCIS J. KOCARNIK.

THIRD ACADEMIC CLASS

THE GOLD MEDAL

FOR THE

HIGHEST AVERAGE

In the Collective Branches of the Class was merited by

JOSEPH J. NACHTIGALL.

Donor of Medal: MR. EDWARD A. CUDAHY.

First Honors:

James P. Fagan, Mark T. Martin,
Henry Hodson, Cornelius A. Riley,
Philip Cassidy, Edward E. Fearon.

Second Honors:

John J. White, Edward A. Creighton,
Cornelius M. O'Donovan, Edward J. McNamara,
Arthur J. McShane, Joseph M. McNamara,
Anthony F. Beckman.

CLASS PREMIUMS

CHRISTIAN DOCTRINE.

First Premium:
Joseph J. Nachtigall.

Second Premium:
John J. White.

GEOGRAPHY.

First Premium:
Edward E. Fearon.

Second Premium:
Joseph J. Nachtigall.

LATIN.

First Premium:
Joseph J. Nachtigall.

Second Premium:
Philip Cassidy.

ARITHMETIC.

First Premium:
Joseph J. Nachtigall.

Second Premium:
James P. Fagan.

ENGLISH GRAMMAR.

First Premium:
James P. Fagan.

Second Premium:
Henry Hodson.

READING.

First Premium:
Philip Cassidy.

Second Premium:
Mark T. Martin.

ENGLISH COMPOSITION.

First Premium:
Edward E. Fearon.

Second Premium:
Cornelius A. Riley.

SPELLING.

First Premium:
Cornelius A. Riley.

Second Premium:
Edward E. Fearon.

HISTORY.

First Premium:
ANTHONY F. BECKMAN.

Second Premium:
MARK T. MARTIN.

PENMANSHIP.

First Premium:
ABDON DARGAZEWSKI.

Second Premium:
EDWARD A. CREIGHTON.

Extra Branches.

GERMAN.

First Premium:
ANTHONY F. BECKMAN.

Second Premium:
HENRY J. HALL.

Elocution Contests.

THE GOLD MEDAL

In the First Grade was merited by

THOMAS J. McSHANE.

NEXT IN MERIT:

WILLIAM F. CONDON, GUY V. FURAY,
JOHN T. SMITH, JOSEPH B. EGAN.

Donor of Medal: Mr. Joseph A. Connor.

THE GOLD MEDAL

In the Second Grade was merited by

JAMES E. WOODARD.

NEXT IN MERIT:

EDWARD F. LEARY, ROBERT J. LOWRY,
JAMES H. McSHANE, JOHN M. O'ROURKE.

Donor of Medal: Mr. William McLaughlin.

THE GOLD MEDAL

In the Third Grade was merited by

ROBERT H. BUSHMAN.

NEXT IN MERIT:

FRANCIS R. BALIMAN, PETER M. SADLIER,
HENRY F. O'HANLON, EDWARD L. HART.

Donor of Medal: Mr. E. W. Nash.

THE GOLD MEDAL

In the Fourth Grade was merited by

ALPHONSE F. DAMES.

NEXT IN MERIT:

WILLIAM D. BROWN, JOSEPH C. McCAFFREY,
CECIL F. WILLIAMS, CORNELIUS J. SMITH.

Donor of Medal: HAYDEN BROS.

THE GOLD MEDAL

In the Fifth Grade was merited by

CLEMENT J. LEE.

NEXT IN MERIT:

MARK T. MARTIN, JOHN J. WHITE,
HUGH F. FOY, EDWARD A. CREIGHTON.

Donor of Medal: HON. C. J. SMYTH.

Good Conduct Roll.

The following students deserve honorable mention for their excellent deportment during the year:

Baliman, Francis R.,
Bennewitz, John A.,
Bickert, Robert L.,
Brannen, George A.,
Browne, Joseph T.,
Brown, William D.,
Bugee, John T.,
Buglewicz, Stanislaus J.,
Burke, Charles S.,
Bushman, Robert H.,

Cahill, Charles,
Clair, John F.,
Coffman, Weir D.,
Condon, William F.,

Daley, Charles E.,
Dames, Alphonse F.,
Dignan, Michael J.,
Dougherty, Lee J.,
Doup, William W.,
Dunnigan, Thomas F.,
Dwyer, Patrick,

Fagan, John A.,
Fennell, Patrick J.,
Fitzgerald, James M.,
Fitzgibbon, Henry M.,
Flynn, Andrew M.,
Foy, Hugh F.,

Gentleman, John A.,
Gillespie, P. Henry,
Gleason, Matthew P.,
Green, Thomas C.,

Hall, Henry J.,
Hart, Edward L.,
Hart, John J.,
Higgins, Joseph E.,
Holst, John,
Huber, Albert,
Hurley, Daniel J.,

Jenal, Edward L.,

Kearns, William,
Kehoe, Nicholas R.,

Kelly, Thomas A.,
Kocarnik, Francis J.,
Kohne, Christopher J.,

Lane, James P.,
Langdon, J. Frederick,
Larkin, Bernard J.,
Larkin, Michael F.,
Leary, Edward F.,
Leary, William J.,
Lee, George,
Lovely, William E.,
Lynam, John P.,
Lynch, William P.,
Lynch, Thomas R.,

Marx, Matthias,
McCaffrey, C. Joseph,
McCaffrey, Hugh A.,
McCaffrey, William J.,
McNamara, Edward J.,
McNamara, Joseph M.,
Mulgrew, Leon E.,
Mullin, William L.,
Murphy, David A.,
Murphy, John R.,
Murtagh, James R.,

Nachtigall, Joseph J.,

O'Donovan, Cornelius M.,
O'Hern, Michael J.,
O'Neill, Francis P.,

Prendergast, James F.,

Quinlan, Joseph A.,
Quinn, John E.,

Rakowski, John S.,
Real, James S.,
Rogers, Herbert J.,

Sadlier, Peter M.,
Scott, Patrick J.,
Simanek, George F.,
Smith, Thomas P.,

Walker, Joseph C.,
Walsh, James P.,
White, John J.,
Winston, George G.,
Wolfe, James G.,
Woodard, James E.,

The John A. Creighton Medical College.

Medical Department

...OF...

The Creighton University,

Omaha, Nebraska.

Board of Regents.

Rev. M. P. Dowling, S. J.....President of the University.

DeWitt C. Bryant, A. M., M. D.....Dean and Secretary.

A. W. Riley, A. M., M. D.....Treasurer.

W. J. Galbraith, A. M., M. D.

J. S. Foote, A. M., M. D.

Faculty.

PAUL GROSSMAN, A. M., M. D.,

Professor Emeritus of Medicine.

D. C. BRYANT, A. M., M. D.,

Dean, Professor of Ophthalmology. Oculist and Aurist to St. Joseph's Hospital.

J. H. PEABODY, A. M., M. D.,

Professor Emeritus of Military Surgery.

A. W. RILEY, A. M., M. D.,

Professor of Principles and Practice of Medicine and Clinical Medicine. Physician to St. Joseph's Hospital.

B. F. CRUMMER, M. D.,

Professor of Principles and Practice of Medicine and Clinical Medicine. Physician to St. Joseph's Hospital.

A. B. SOMERS, M. D.,

Professor Principles and Practice of Medicine and Clinical Medicine.

W. J. GALBRAITH, A. M., M. D.,

Professor of Clinical Surgery. Surgeon to St. Joseph's Hospital.

J. P. LORD, M. D.,

Professor of Principles and Practice of Surgery. Surgeon to St. Joseph's Hospital.

T. B. LACEY, M. D.,

Professor of Surgery, Fractures and Dislocations. Surgeon to W. C. A. Hospital, North-Western, Omaha & St. Louis Railroads and St. Bernard's Hospital, Omaha & Council Bluffs Bridge and Railway Co.

H. B. JENNINGS, M. D.,

Professor of Applied Therapeutics.

J. M. BARSTOW, M. D.,

Professor of Materia Medica.

W. O. HENRY, M. D.,

Professor of Gynaecology. Gynaecologist to St. Joseph's Hospital.

CHARLES ROSEWATER, M. D.,

Professor of Obstetrics.

A. D. WILKINSON, M. D.,

Adjunct Professor of Obstetrics.

A. H. CARTER, A. M., M. D.,

Professor of Diseases of Children.

F. E. HOUGHTON, M. D.,

Adjunct Professor of Diseases of Children.

W. R. HOBBS, M. D.,

Clinical Professor of Diseases of Children.

S. K. SPALDING, M. D.,

Professor of Diseases of the Mind and Nervous System.

F. S. THOMAS, M. D.,

Professor of Mental Diseases and Clinical Psychiatry. Physician to St. Bernard's Hospital (Insane Department). Surgeon to C .R. I. & P. R. R.

H. CLAYTON SUMMEY, M. D.,

Professor of Dermatology, Syphilology and Genito-Urinary Diseases.

H. P. HAMILTON, M. D.,

Professor of Surgical Pathology and Therapeutics.

W. L. DAYTON, M. D.,

Adjunct Professor of Ophthalmology.

H. LESLIE BURRELL, M. D.,

Professor of Otology, Rhinology and Laryngology. Oculist to St. Bernard's Hospital.

S. R. TOWNE, A. M., M. D.,

Professor of Hygiene and State Medicine.

E. C. HENRY, M. D.,

Professor of Anatomy.

F. E. COULTER, M. D.,

Professor of Anatomy (Brain and Nervous System).

A. R. MITCHELL, M. D.,

Professor of Regional and Surgical Anatomy.

J. S. FOOTE, A. M., M. D.,

Professor of Histology, Physiology, Pathology and Clinical Microscopy.

MILLARD LANGFELD, A. B., M. D.,

Professor of Bacteriology.

CHARLES CROWLEY, A. M., Ph. C.,

Professor of Chemistry and Toxicology.

CHARLES COPPENS, S. J.,

Professor of Medical Jurisprudence.

R. D. MASON, M. D.,

Professor of Diseases of the Rectum.

T. J. MAHONEY, LL. B.,

Lecturer on Medical Law.

FRANK W. PORTERFIELD, M. D.,
Lecturer on Materia Medica.

E. M. CARPENTER, M. D.,
Clinical Lecturer on Surgery.

A. H. HIPPLE, D. D. S.,
Lecturer on Oral Surgery.

LEROY CRUMMER, B. S., M. D.,
Instructor in Clinical Diagnosis.

R. M. MALSTER, M. D.,
Assistant to Surgical Clinic.

E. C. HENRY, M. D.,
Demonstrator of Anatomy.

MATTIE ARTHUR, M. D.,
Assistant Demonstrator of Anatomy.

Staff of St. Joseph's Hospital.

SURGERY.

W. J. GALBRAITH, A. M., M. D.

J. P. LORD, M. D.

MEDICINE.

A. W. RILEY, A. M., M. D.

B. F. CRUMMER, M. D.

F. E. COULTER, M. D.

GYNAECOLOGY.

W. O. HENRY, M. D.

OPHTHALMOLOGY AND OTOLOGY.

D. C. BRYANT, A. M., M. D.

RHINOLOGY AND LARYNGOLOGY.

D. C. BRYANT, A. M., M. D.

CONSULTING PHYSICIAN.

GEORGE TILDEN, M. D.

PATHOLOGIST.

J. S. FOOTE, A. M., M. D.

Information.

The Sixth Annual Session of the John A. Creighton Medical College begins October 4th, 1899, at 8 p. m.

The opening exercises will take place in the Auditorium of the New Building.

The study of Medicine in this Institution consists of a four-years' course of seven months each.

The course is graded by an examination to enter and by examinations to advance from year to year.

No student is permitted to enter upon the course of a given year until he has shown by an examination that he is prepared for the studies embraced in that year.

Requirements for Admission.

This College is a member of The Association of American Medical Colleges. The requirements for matriculation in every college belonging to this Association are set forth in Article III of the Constitution, as follows:

"Section 1. Colleges, members of this Association, shall require of all matriculates an examination as follows: 1. An English composition in the handwriting of the applicant of not less than two hundred words, said composition to include construction, punctuation and spelling. 2. Arithmetic: Fundamental rules, common and decimal fractions, and ratio and proportion. 3. Algebra: Through quadratics. 4. Physics: Elementary (Gage). 5. Latin: An amount equal to one year's study as indicated in Harkness's Latin Reader.

"Sec. 2. Graduates or matriculates of reputable colleges, or high schools of the first grade, or normal schools established by State authority, or those who may have successfully passed the

entrance examination provided by the statutes of the State of New York, may be exempted from the requirements enumerated in Section 1.

"Sec. 3. Students conditioned in one or more of the branches enumerated as requirements for matriculation shall have time until the beginning of the second year to make up such deficiencies; provided, however, that students who fail in any of the required branches in this second examination shall not be admitted to a second course.

"Sec. 4. Colleges granting final examination on elementary subjects to junior students shall not issue certificates of such final examination, nor shall any member of this Association confer the degree of Doctor of Medicine upon any person who has not been first examined upon all the branches of the curriculum by the faculty of the college granting the degree.

"Sec. 5. Candidates for the degree of M. D. in 1899, or thereafter, shall have pursued the study of medicine for a period of four years, and attended at least four courses of lectures of not less than six months' duration each. It is provided, however, that the following classes of students may appy for advanced standing:

" '*a*. Graduates of recognized colleges and universities who have completed the prescribed course in chemistry and biology therein.

" '*b*. Graduates and matriculates of colleges of homeopathy.

" '*c*. Graduates and matriculates of colleges of eclectic medicine.

" '*d*. Graduates and matriculates of colleges of dentistry requiring two or more courses of lectures before conferring the degree of D. D. S. or D. M. D.

"'*e*. Graduates and matriculates of colleges of pharmacy.

"'*f*. Graduates and matriculates of colleges of veterinary medicine.'

"All students shall be required to comply with the provisions of the entrance examination and prove their fitness to advanced professional standing by an individual examination upon each branch below the class he may desire to enter."

Curriculum.

Each student intending to pursue the course of Medicine must register his name during the first two weeks of each session, and when required must take the entrance examination.

During the course, students who do not pass a satisfactory examination in the studies pursued will be "conditioned" and required to pass another examination in the branches in which they are deficient and the conditions must be removed before such students can advance in the course. Students are admitted to final examinations at the end of each year on the work completed during the year.

Attendance upon the hospital clinics is obligatory with students of the third and fourth years, and upon dispensary clinics with students of the second, third and fourth years. The dissection of the whole human body twice is required for graduation.

FIRST YEAR.

Anatomy.—Six hours a week.
Physiology.—Three hours a week.
Histology.—Laboratory. Four hours a week.
Chemistry.—Laboratory. Four to six hours a week.
Materia Medica.—Three hours a week.
Dissection.—

SECOND YEAR.

Hygiene.—One hour a week.
Anatomy.—Six hours a week.
Physiology.—Three hours a week.

Materia Medica and Therapeutics.—Three hours a week.
Chemistry.—Four hours a week.
Bacteriology.—Four hours a week.
Pathology.—Four to six hours a week.
Dissection.—Every night.
Clinics.—Dispensary. Eighteen hours a week.

THIRD YEAR.

Surgery General.—Three hours a week.
Surgery Orthopedic.—One hour a week. (Final.)
Surgery Military.—One hour a week. (Final.)
Surgical Pathology.—One hour a week. (Final.)
Medicine General.—Three hours a week.
Physical Diagnosis.—Two hours a week.
Obstetrics.—Two hours a week.
Gynaecology.—One hour a week.
Diseases of Children.—Two hours a week.
Ophthalmology.—One hour a week.
Otology, Laryngology, Rhinology.—One hour a week.
Dermatology and Genito-Urinary.—One hour a week.
Medical Jurisprudence.—
Surgical and Regional Anatomy.—One hour a week. (Final.)
Applied Therapeutics.—Two hours a week. (Final.)
Dispensary Clinics.—Eighteen hours a week.
Hospital Clinics.—Twelve hours a week.
Oral Surgery.—One hour a week. (Final.)

FOURTH YEAR.

Medicine General.—Three hours a week.
Physical Diagnosis.—Two hours a week.
Diseases of Children.—Two hours a week.
Obstetrics.—Two hours a week.
Diseases of the Mind and Nervous System.—One hour a week.
Surgery General.—Three hours a week.
Dermatology, Genito-Urinary.—One hour a week.
Gynaecology.—One hour a week.
Ophthalmology.—One hour a week.
Otology, Laryngology, Rhinology.—One hour a week.
Rectal Surgery.—One hour a week.
Dispensary Clinics.—Eighteen hours a week.
Hospital Clinics.—Twelve hours a week.

Admission to Advanced Standing.

Admission to advanced standing to the second or third year may be granted by the Faculty, provided that the student presents satisfactory evidence of having attended courses equivalent to those required of the class to which he seeks admission.

No one will be admitted to advanced standing in any year after November 1st of that year.

The New Building.

The new building is located on the corner of 14th and Davenport streets, within two blocks of five street-car lines, two of which pass in front of the building, one of them directly connecting with the St. Joseph's Hospital, and is in close touch with the business part of the city.

The College building has a basement and three stories, with a central extension, making that part four stories in height.

The ground surface covered is 132x66 feet, with an east frontage of 132 feet, and a south frontage of 66 feet.

The design of the exterior of the building, being a modern adaptation of the Italian Renaissance, deals with the basement as the base, the first story as the pedestal, the second story as the shaft, and the third story as the frieze of the monument, the whole being crowned with a cornice, which in turn is ornamented with dentals and consoles.

The entrance on the east side leads through an arcade under the open portico, which is 10x32 feet in size, then through the vestibule doors into the grand stairway-hall, at the further end of which a double stairway will be seen to lead to the upper stories.

On the first floor to the south of the stairway-hall are the recreation and reception rooms for the students and the Fac-

ulty, and on the same floor to the right of the stairway-hall are the different rooms for the "out-door" clinics, and the drug store.

Two lecture halls, each 28x46 feet, occupy the north half of the second floor, while the south half contains the laboratories for Physiology, Histology and Bacteriology.

On the third floor to the north is an amphitheatre 57x46 feet in area, and 20 feet in height, with 350 seats.

The south half of the third floor contains the chemical and pharmaceutical laboratory.

On the fourth floor in the central extension is the dissection room, with windows on all four sides.

An elevator runs from the basement to the fourth floor.

All necessary minor apartments, such as the museum, instrument rooms, private rooms, toilet rooms, etc., are carefully provided for.

The interior is finished in hard wood and patent plaster; speaking-tubes and call-bells are provided.

The plumbing is made an object lesson of cleanliness and sanitation.

Particular attention is paid to the lighting, heating and ventilation of each school room, it being the intention to change the air in these rooms not less than six times per hour.

This building is, in every respect, a model of what is needed for a medical school.

The laboratories, lecture rooms and dissecting-room are large and commodious, and are furnished in an up-to-date style, with everything necessary to the proper teaching of modern medicine.

Museum.

In the new College building there is a room prepared for the preservation of anatomical and pathological preparations, casts, specimens and such material as will be of interest in the various departments of Medicine.

Anyone having such specimens, which he wishes preserved can place them in this room with his name attached, and with such histories or remarks as he chooses to give. There are thrown away every year a large number of interesting specimens, from which much could be learned, if they were only classified and accessible.

The College will consider it a favor if these specimens are forwarded to the pathological department.

Methods of Instruction.

The Quiz, the Laboratory and the Clinic constitute the best means of modern instruction, although the Didactic lecture must not be underestimated. The teacher of medicine must employ every means at his command. Instruction in this College consists of quizzes, laboratory work, recitations, lectures, dispensary and hospital clinics.

The work of each year is as nearly complete in itself as it is possible to make it, and examinations and credits are given as the work is done.

The Didactic lecture is used, as a means of instruction in all subjects which require elucidation. The Quiz forms one of the most important parts of the course. A part of each hour of instruction is devoted to it, or the whole hour at the end of each subject.

The student is marked, according to his knowledge of the subject, and the term-stand counts more than the final examination. This makes a good attendance essential to a good standing.

Examinations are held frequently during the session and add a percentage of gain or loss to the term-stand. Especial attention is given to laboratory work.

During the first two years a great deal of the time is given

to practical work in the Chemical,Histological, Bacteriological and Pathological laboratories. Upon the student's success in this work will depend his success in all other medical work.

Examinations at the end of the first year are final in Histology and Inorganic Chemistry. At the end of the second year in Anatomy, Physiology, Materia Medica and Therapeutics, Bacteriology, Medical Chemistry, and Pathology, thus allowing the third and fourth year students more time to devote to the remaining studies.

Such examinations decide whether or not the student shall go on with the next year's work. During the third year the general principles of Medicine, Surgery and Obstetrics are studied and clinical instruction given.

During the fourth year the practical study of these subjects is continued in combination with work in the wards of the Hospitals and the various special branches, such as Ophthalmology, Laryngology, Neurology, Pediatrics, are taught.

Instruction.

The instruction is classified under the following heads:

Anatomy.	Practice of Medicine.
Physiology.	Surgery.
Chemistry.	Obstetrics.
Materia Medica and Therapeutics.	Gynaecology.
Pathology.	Diseases of Children.
Bacteriology.	Ophthalmology.
Neurology.	Otology.
Dermatology.	Laryngology.
	Venereal Diseases.

Anatomy.

COURSES.

I. Osteology, Syndesmology, Myology and Angeiology—four hours a week for the seven months. Prof. E. C. Henry.

II. Laboratory Course, dissection of the human body—fifteen to eighteen hours a week until the whole body has been dissected twice. Prof. E. C. Henry, Dr. M. Arthur.

III. Visceral and Topographical, study of the thorax and abdomen, lectures and demonstrations—four hours a week for six weeks. Prof. E. C. Henry.

IV. Anatomy of the central and peripheral nervous systems, histology, gross and applied anatomy of the spinal cord, encephalon as a whole, encephalon in detail, cranial nerves, sympathetic division, spinal nerves and the functions of these parts—two hours a week for seven months. Prof. F. E. Coulter.

V. Minute Anatomy or histology, the cell, the tissue, the organ, the system, the whole animal body considered. Each student is provided with a microscope and drawer with lock and key, for the condition of which he is held responsible—four hours a week for seven months. Prof. J. S. Foote.

Physiology.

COURSES.

I. General Physiology, biological study, function of the cell and tissue, physiological division of labor, evolution of function and the good of adaptability, irritability and contractility of protoplasm,

secretion, the phenomena of circulation, digestion, respiration, metabolism, thermogenesis, nutrition and diet, internal secretion, reproduction—three hours a week for seven months. Prof. J. S. Foote.

II. Physiological Chemistry, study of proteids, carbohydrates, fats, salts and water, of the salivary, gastric, pancreatic and intestinal secretions, of enzyime action, of blood, lymph, bile, milk, urine and sweat—three hours a week for seven months. Prof C. F. Crowley.

III. Hygiene and State Medicine, study of the sanitary aspect of food, water and atmosphere, of ventilation, heating and drainage, of infectious diseases, quarantine, fumigation, disinfection, of milk tests and of the relation of medicine to state—one hour a week for seven months. Prof. R. S. Towne.

Chemistry.

COURSES.

I. Laws of Chemical Combination, history, occurrence, properties and preparations of the elements and their principal compounds, lectures—three hours a week for seven months.

II. Laboratory course, demonstration of the lecture course and class work in the preparation of the chief chemical combinations of the inorganic world—six hours a week for seven months. Prof. C. F. Crowley.

Materia Medica and Therapeutics.

COURSES.

I. Materia Medica, classification of remedies, history and description, medical pharmacology, pharmaceutical preparation, dosage, incompatibilities, hypodermic technique—one hour a week for seven months. Dr. F. W. Porterfield.

II. General Therapeutics, physiological action, therapeutical application, best combinations for certain specific effects, prescription-writing, toxic, effect of drugs, antidotes—two hours a week for seven months. Prof. J. M. Barstow.

III. Applied Therapeutics, a study of physiology and pathology as the basis of therapy, consideration of therapeusis from a clinical standpoint, value of the various therapeutic agencies in diseases, organo-therapy—two hours a week for seven months. Prof. H. B. Jennings.

Pathology.

COURSES.

I. General consideration of degenerations, inflammations and tumors, principles of pathology, relation of diseased to normal tissue,

demonstration of diseased conditions by sections for the microscope. A microscope and drawer with lock and key are furnished and the student is held responsible for the microscope—four hours a week for seven months. Prof. J. S. Foote.

II. Bacteriology, study of the relationship of bacteria to other microorganisms and to disease, of the methods of separating one species of bacteria from another, of the biological characters used in the identification of the various forms, cultures, medical determination of unknown species, methods of determining pathogenic properties, disinfection and germicidal values—one hour a week for seven months. Prof. Millard Langfeld.

Neurology.

COURSES.

I. Didactic lectures, diseases of the brain, cord and membranes; first, those diseases in which no pathological changes are found, second, diseases of known pathology—one hour a week for seven months. Prof. S. K. Spalding.

II. Clinical lectures. Prof. S. K. Spalding.

III. Mental diseases, (*a*) didactic lectures, study of the forms of insanity, aectiology, pathology (when known) classification, care and treatment, one hour a week for sixteen weeks. (*b*) Diseases of the spinal cord, general pathology, inflammation, degenerations, relationship to mental diseases, differential diagnosis, management, one hour a week for six weeks. (*c*) Clinical presentation at St. Bernard's Hospital, of such cases as illustrate above condition—two hours a week for four weeks. Prof. F. S. Thomas.

Surgery.

COURSES.

I. Surgical Pathology, regeneration as the process of repair, infective inflammation, suppuration, abscess, ulcer, fistulas, pyaemia, septicaemia, tubercle, tumors benign and malignant—one hour a week for seven months. Prof. H. P. Hamilton.

II. Principles and practice of surgery—three hours a week for seven months. Profs. Lord and Galbraith.

III. Recitations in surgery—two hours a week for seven months. Dr. R. M. Malster.

IV Fractures and dislocations. (*a*) General considerations, pathology, detailed instruction concerning each, splints, dressings and their application. (b) Shock, causes, pathology, diagnosis, treatment. (c) Anaesthesia, physiological action, administration, phenomena, management of dangerous symptoms—one hour a week for seven months. Prof. T. B. Lacey.

V. Orthopedic surgery. (a) Pathology, deformities and their correction, mechanical principles of appliances, discussion of the various forms of apparatus employed—one hour a week for seven months. (*b*) Practical instruction at the college clinics and St. Joseph's Hospital—one to three hours a week for seven months. Prof. W. R. Martin.

VI. Rectal surgery. This course includes certain diseases of the rectum, the treatment of which is not surgical—one hour a week. Prof. R. D. Mason.

VII. Military surgery, hospital service, recruits, litters, requirements of camp life, construction of a camp-personel of the army, surgical aid on the battlefield, explosives, gun-shot injuries, hygienic essentials of camp, rations—one hour a week for twelve weeks. Prof. J. E. Pilcher, Ph. D.

VIII. Surgical and Regional Anatomy—one hour a week for seven months. Prof. Mitchell.

IX. Hospital clinics in general and operative surgery at St. Joseph's Hospital Tuesday from ten to twelve A. M. throughout the year. Profs. Galbraith or Lord. Saturday at 9 A. M. throughout the year. Profs. Lord or Galbraith.

X. College clinics, see schedule.

XI. Oral surgery, the mouth as a source of infection, the various lesions of the jaws and associate parts, the general surgery of the mouth. A. H. Hipple, D. D. S.

Ophthalmology.

COURSES.

I. Didactic lectures—one hour a week for seven months. Profs. Bryant or Dayton.

II. Clinical lectures—one hour a week for seven months at St. Joseph's Hospital. Prof. D. C. Bryant.

III. Clinics at the college dispensary—two hours a week for seven months. Prof. H. L. Burrell.

Diseases of Children.

COURSES.

I. Study of Childhood, general care, development of the body, peculiarity of children's diseases, acute infectious diseases of the newly born, general and functional diseases, malnutrition, diseases of the brain, cord and meninges, specific infection of a later period —one hour a week for seven months. Prof. A. H. Carter.

II. Diseases of the digestive system, of the respiratory apparatus, of the uro-genital organs and of the blood, lymph nodes, spleen, skin, joints and bones—one hour a week for seven months. Dr. F. E. Houghton.

III. Clinical Instructions—two hours a week at the college clinic. Prof. W. R. Hobbs.

Gynaecology.

COURSES.

I. Principles and Practice, didactic lectures—one hour a week for seven months.

II. Practical instruction in the examination, diagnosis and treatment of patients and the use of instruments—two hours a week for seven months. Prof. W. O. Henry.

III. Operative, demonstration of the various operative measures and the consideration of the best means of surgical relief; students are allowed to examine cases when under anaesthetics and required to confirm or correct a previous diagnosis—two hours a week for seven months at St. Joseph's Hospital. Prof. W. O. Henry.

Dermatology, Syphilology and Genito-Urinary Diseases.

COURSES.

I. Dermatology, didactic lectures—one hour a week for seven months.

II. Syphilis and Genito-Urinary diseases, didactic lectures—one hour a week for seven months.

III. College clinics, see schedule. Prof. H. Clayton Sumney.

Otology, Laryngology and Rhinology.

COURSES.

I. Otology. (*a*) Didactic lectures—one hour a week for seven months. (*b*) Clinical lectures—three hours a week for seven months.

II. Laryngology and Rhinology. (*a*) General consideration of the principles of pathology, diagnosis and therapeutics of diseases of the throat and nasal passages, didactic lectures—one hour a week for seven months. (*b*) Practical instruction—three clinical lectures a week for seven months, diagnosis and the use of instruments. Prof. H. Leslie Burrell.

Obstetrics.

COURSES.

I. Theory and Practice, anatomy and physiology of the generative organs, outline of embryology, physiology and pathology of preg-

nancy and labor, management of the puerperal period and complications, application of forceps by students, obstetric surgery, its indications and applications—two hours a week for seven months. Prof. C. Rosewater.

II. Abortion, miscarriage and premature labor, their pathology, prevention and treatment—one hour a week for twenty weeks. Prof. A. D. Wilkinson.

III. Practical Instruction, outdoor cases attended in labor by two students, assisted by the professor. This course is for fourth-year students only.

IV. As the lectures progress quizzes will be held to bring out the various points dwelt upon in the lectures. Prof. C. Rosewater.

Medical Jurisprudence.

COURSES.

I. Moral principles and medical practice, craniotomy, abortion, venereal excesses, views of scientists, professional rights—one hour a week for twelve weeks. Prof. Charles Coppens.

II. Medical Law. The discussion of the principles of medical law and their application to medico-legal questions—one hour a week for eight weeks. T. J. Mahoney, LL. B.

III. Insanity in its legal relations—one hour a week for eight weeks. Dr. J. L. Green.

Skiagraphy.

COURSE.

I. One of the largest Topler-Holtz machines in the country has been purchased and will be employed in the demonstration of the X-ray. The Crookes Tube and Fluroscope will be considered from a scientific standpoint, the Roentgen ray and its application to medicine from a clinical standpoint and the general technique of skiagraphy will receive the attention which it deserves.

Practice of Medicine.

COURSES.

I. Theory and practice—a course of lectures on internal medicine comprising infectious diseases and diseases of the alimentary tract—two hours a week for seven months. Hospital Clinic—General medicine, one hour per week for four months at St. Joseph's Hospital. Prof. A. W. Riley.

II. Hospital Clinic—General medicine, one hour per week for four months. St. Joseph's Hospital. Prof. F. E. Coulter.

III. A lecture coure on nephritis, nephro-lithiasis haematuria, haemoglobnuria, cystitis, Addison's disease, rheumatism, gout, arthritis litheamia, diabetes anemia and lead poisoning—two hours a week for seven months. Prof. A. B. Somers.

IV. Department of chest and clinical diagnosis. Didactic lectures and recitations—two hours a week throughout the course.

V. Clinical lectures at the Creighton Medical College Dispensary—one hour a week throughout the academic year.

VI. Hospital clinic in general medicine—one hour per week for four months at the St. Joseph's Hospital. Fourth-year students receive practical beside instruction. Prof. B. F. Crummer.

VII. Clinical Diagnosis—one hour a week, third-year students, conferences, quizzes and demonstrations, including clinical examination of the blood, sputum, gastric contents, etc. Dr. LeRoy Crummer.

Text Books.

Anatomy—Gray, Quain, Holden.

Anatomy of the Nervous System—Edinger, Ranney, Horsley and Gray.

Physiology—Kirke, Stuart, American Text Book, Schafer.

Histology—Piersol, Schafer.

Pathology—Delafield and Prudden, Woodhead, Thoma.

Bacteriology—McLarland, Abbott.

Pathological Technique—Mallory and Wright.

Chemistry—Attfield, Roscoe and Schorlemmer, Hammersten, Black, Purdy, Tyeon, Prescott Johnson, and Remsen.

Surgery—American Text Book, Da Costa's Manual, Park's Treatise on Surgery by American Authors, Smith's revised edition of Hamilton, Young, Warren, Senn, Tillman.

Gynaecology—Garrigues, Thomas and Munde.

Obstetrics—Davis, Lurk, Dorland, Grandin and Jahmin, Playfair.

Practice of Medicine—Osler, Flint, Loomis, Hare's Diagnosis.

Diseases of Children—American Text Book, Holt, Rotch, J. Lewis Smith, Meigs and Pepper.

Ophthalmology—Noyes, Fuchs, Berry.

Otology, Laryngology and Rhinology—Bishop, Bosworth, Serter, Field.

Dermatology—Kaposi.

Genito-Urinary—Finger, Taylor, White and Martin.

Hygiene—Coplin and Bevam, Rohe, Parkes.

Neurology—Mills, Gray, Gorvers, Clouston, Gray, Kirchoff.

Medical Jurisprudence—Ewell, Tidy.

Oral Surgery—Garretson.

Medical Dictionary—Lippincott.

Clinical Facilities.

St. Joseph's Hospital.

The Creighton Memorial—the new St. Joseph's Hospital—is by far the largest and best Hospital in the West. It is situated at the corner of Tenth and Castellar streets, on high and beautiful grounds, and could not be better located, either for healthfulness, beauty of location or easiness of access. It was built at enormous expense, has over 300 beds for patients, and ample room for nurses, internes, servants, etc. There are large drug rooms, reception rooms for patients, private consultation rooms for the Hospital corps of physicians, airy wards and elegant private rooms.

Hospital Amphitheatre.

This building, which was completed before the opening of the last term of school, is located in the main court, behind the body and between the wings of the St. Joseph's Hospital. It is connected directly with the hospital building. The building itself is two stories in height, 35 feet wide and 70 feet long. On the first floor, entering from the hospital, is an operating-room, to be used for septic cases only, where all infected cases will be operated on and treated, so that the other rooms can be kept free from infection. A room especially prepared for eye, ear, nose and throat work comes next. Sterilizing, dressing and instrument rooms are located on the same floor. The eastern half of the building is occupied by the large operating amphitheatre. This amphitheatre takes in both stories of the building and is lighted from above by a glass roof. This room has seats for 150 students, besides giving ample room for the operator and his assistants. The amphitheatre has an entrance especially for students, and is fitted with cloak and hat-room, lavatories and lobby. The building is heated with steam and is entirely modern in all of its furnishings. This is the only oper-

ating-amphitheatre in the city capable of seating any number of students and giving them an opportunity of observing operations with any comfort. Clinics are held here three half days in each week during the entire session of the medical school. The clinical advantages offered here are reserved for the benefit of the students of the John A. Creighton Medical College.

The past five years' experience demonstrates that there will be an abundance of material for each and every clinic.

Surgical Clinic—Tuesday and Saturday at 9-11 A. M.
Medical Clinic—Tuesday and Saturday at 11-12 A. M.
Gynæcological Clinic—Thursday at 2-5 P. M.
Eye and Ear Clinic—Thursday at 1-2 P. M.

St. Bernard's Hospital.

The St. Bernard's Hospital of Council Bluffs has 100 beds, especially provided for the care of insane patients.

This part of the Hospital is under the direct care of the Professor of Mental Diseases, who will hold such clinics there as he may deem necessary and beneficial to the students during the course of his lectures on insanity.

Dispensary.

A clinic is held in the College Dispensary rooms six days each week. There have been established the following departments: A Clinic of Medicine, Diseases of the Chest, Surgery, Diseases of the Eye and Ear, Nose and Throat, Diseases of Children, Skin, Genito-Urinary and Venereal Diseases, and Diseases of Women.

The material is utilized for the benefit of the student, and good opportunity for direct contact of the student with the patient is afforded. The senior class is divided into sections and assigned to daily service in the various departments a portion of each year, and as much practical work as possible is given to the student.

Opportunity to examine patients under the direction of the physician-in-charge is afforded, and instruction in the use

of the instruments and methods employed in making a diagnosis is given.

Poor patients are examined and treated free of charge, and are simply requested to give the student such benefit as may be derived from the examination and treatment.

Hospital Appointments.

The position of House Physician and Surgeon is filled by appointment from the graduating class of this College.

The appointment of "interne" secures service in the Hospital with furnished room and board. Two appointments are made annually, after a competitive examination, to which only the graduates of this College are eligible.

Requirements for Graduation.

1. The candidate must be at least 21 years of age, and must give satisfactory evidence of good moral character, which includes unexceptional conduct while at College.

The Faculty reserves the right to terminate the connection of any student with the Institution at any time on the ground of what it might deem moral or mental unfitness for the profession.

2. He must have pursued the study of medicine four years, and have attended four full courses of lectures of seven months each.

Of these the first three may have been in any other recognized Medical College or Colleges, but the last must have been in this College.

3. He must notify the Secretary of the Faculty of his intention to become a candidate and pay all dues four weeks before the final examination.

4. Every candidate must undergo a full and satisfactory examination in each branch taught in the College.

Degrees.

Upon those who have completed the Medical course, passed their examinations and fulfilled all the conditions necessary for graduation, the degree of M. D. will be conferred.

Prizes.

At the close of each session a competitive examination will be held for the position of House Surgeon of St. Joseph's Hospital.

Appropriate and useful prizes will be awarded for the best examination in each of the following departments: Surgery, Practice of Medicine, Ophthalmology, and Otology and Obstetrics.

Gold medal for the best examination in Surgical Pathology by Dr. H. P. Hamilton.

Fees.

FIRST YEAR.

Matriculation ..... $ 5.00

General fee, including all lectures, laboratory exercises and dissecting material..... 65.00

SECOND YEAR.

General fee, including all lectures, laboratory exercises and dissecting material..... 70.00

THIRD YEAR.

One fee for all College exercises..... 75.00

FOURTH YEAR.

One fee for all College exercises..... 75.00

No examination or graduation fees.

Matriculation and lecture fees must be paid when session opens.

Letters requesting information should be addressed to Dr. D. C. Bryant, McCague Building, Omaha.

Matriculates.

Akin	Nebraska
Aylesworth, E. W.	Iowa
Ball, J. A.	Iowa
Bellinger, F. E.	Iowa
Bierbower, H. C.	Nebraska
Billion, T. J.	South Dakota
Brannen, J. L.	Nebraska
Brown, L. H.	Nebraska
Bishop, J.	Nebraska
Brownrigg, L. E.	Iowa
Cavanaugh, J.	Kansas
Cavanaugh, J. J.	Kansas
Coakley, O. E.	Iowa
Conlan, P. T.	Kansas
Connell, K.	Nebraska
Cloughly, A.	Iowa
Crudup, C. P.	North Carolina
Dahlstrom, A. S.	Nebraska
Delaney, E. L.	Nebraska
Draskey, B. W.	Nebraska
Ellis, B. H.	Nebraska
Engstedt, A. B.	Nebraska
Eskildson, H. S.	Nebraska
Fitzgerald, F. E.	Nebraska
Floersch, M.	Nebraska
Ford, Miss	Nebraska
Ford, M. J.	Nebraska
Flynn, P. J.	Iowa

Gasson, J. H. . . . . Iowa
Gillespie, P. L. . . . . Nebraska
Gordon, W. M. . . . . Nebraska
Gray, R. . . . . Nebraska
Green, W. M. . . . . Iowa
Green, A. M. Miss . . . . Nebraska
Griffin, A. D. . . . . Missouri

Hammond, E. P. . . . . Nebraska
Haney, W. P. . . . . Nebraska
Hellwig, J. W. . . . . Nebraska
Henry, R. V. . . . . Iowa
Hogan, D. S. . . . . Nebraska

Jenkins, H. D. . . . . Nebraska
Jorgensen . . . . . Nebraska

Kelly, J. L. . . . . Nebraska
Kuettel, W. C. . . . . Nebraska

Lee, W. F. . . . . Nebraska
Lindt, H. Miss . . . . . Iowa
Lockwood, J. H. . . . . Nebraska

Mack, L. M. . . . . Nebraska
Martin, D. T. . . . . Nebraska
Miller, E. W. . . . . Iowa
Miller, E. E. . . . . Nebraska
Moore, E. A. . . . . Iowa
Moore, M. . . . . Iowa
McAvoy, R. D. . . . . Iowa
McCarthy, J. L. . . . . Nebraska
McConaughey . . . . . Nebraska
McHugh, M. G. . . . . Nebraska

Palmer, A. Miss . . . . . Iowa
Peckham, A. H. . . . . Nebraska

Penny, T. . . . . Iowa
Pinkerton, L. . . . . Iowa
Pinto, A. S. . . . . Iowa

Reasoner, S. A. . . . . Iowa
Rex, L. E. . . . . Iowa
Rix, R. . . . . Nebraska
Roades, I. A. . . . . Nebraska
Roger, S. W. . . . . Arizona
Ryan, W. J. R. . . . . Arizona

Saunders, E. Miss . . . . Arizona
Songster, J. W. . . . . Arizona
Steffensen, C. M. . . . . Nebraska
Steiner, N. F. . . . . Nebraska
Stone, C. A. . . . . Nebraska

Toohey, A. F. . . . . Iowa
Thornton, J. W. . . . . Iowa

Wearne, F. J. . . . . Nebraska
Webster, R. F. . . . . Nebraska
Wherry, J. W. . . . . Iowa
Wiley, A. G. Miss . . . . . Nebraska
Worthman, E. H. . . . . Nebraska

Young, J. M. . . . . Iowa

Presentation of Prizes.

HONORS OF THE CLASS OF '99:

RUDOLPH RIX.

Practice of Medicine.

Prize:

RUDOLPH RIX.

Donor of Prize: A. W. RILEY, A. M., M. D.

Surgery.

First Prize:
RUDOLPH RIX,

Second Prize:
PAUL H. ELLIS.

Donor of Prizes: J. P. LORD, M. D.

Ophtalmology.

Prize:

CHARLES F. PINKERTON.

Donor of Prize: D. C. BRYANT, A. M., M. D.

Position of House-Surgeons to St. Joseph's Hospital.

RUDOLPH RIX, PAUL H. ELLIS.

Surgical Pathology.

Prize:

B. M. RILEY.

Donor: H. P. HAMILTON, M. D.

Degrees Conferred.

The Degree of Doctor of Medicine was Conferred Upon

James C. Bishop,
Augusta B. Engstedt,
David S. Hogan,
Hannah M. Palmer,
Loren E. Rex,
J. W. Thorton,
Paul H. Ellis,
Patrick J. Flynn,
Edgar W. Miller,
Charles F. Pinkerton,
Rudolph Rix,
R. F. Webster,
Addie G. Wiley.

The Degree of Ad Eundem was Conferred Upon

Dr. Charles H. Brewer, '96.

Roll of Honor.

Annual Examination.

100 Perfect. 80 Required to Excel.

Those students who during the year obtained an average of 90 per cent. or more were exempt from the examinations. Their names are marked *

Baliman, Francis R., . 84
Beckman, Anthony F., . 86
Bennewitz, John A., . *
Bickert, Robert L., . 82
Brannen, George A., . 89
Browne, Joseph T., . 80
Brown, William D., . . *
Bugee, John A., . . 80
Bugee, John T., . . 82
Burke, Charles S., . . 90
Bushman, Robert H., . 81

Callahan, Edward J., . 93
Casey, Dennis F., . . 80
Cassidy, Philip, . . . *
Coffman, Weir D., excused

Dames, Alphonse F., . 89
Doup, William W., . . 87
Driscoll, Francis A., . 92

Fagan, James P., . . *
Fagan, John A., . . 80
Fearon, Edward E., . *
Fennell, Patrick J., . 82
Fitzgerald, James M., . 89
Fitzgibbon, Henry M., . 85
Flynn, Andrew M., . . 86
Foran, Henry A., . . 89
Furay, Guy V., . . 85

Gleason, Matthew P., . *
Green, Thomas C., . 91

Hall, Henry J., . . . 82
Hart, Edward L., . . *
Hart, John J., . . . 86
Hobrecht, Charles B., . 84
Hodson, Henry, . . *
Holst, John, . . . 81
Huber, Albert, . . . 93
Hughes, Walter L., . 85
Hurley, Daniel J., . . 89

Jenal, Edward L., . . *

Kane, William B., . . 85
Kehoe, Nicholas R., . 82
Kelley, Christopher P., . 91
Kelly, Thomas A., . 87
Kennedy, Hugh A., . . 82
Kennedy, Patrick F., . 89
Kocarnik, Francis J., . 88

Lane, James P., . . 87
Langdon, J. Frederick, . *
Leary, Edward F., . *
Lee, George, . . . *
Lowry, Robert J., . . *
Lynch, Thomas R., . . *
Lynch, William P., . 88
Lynam, John P., . . *
Martin, Mark T., . . *
Marx, Matthias, . . 92
McCaffrey, Hugh A., . 93
McCrann, John C., . . 83
McDermott, John P., . 84
McLaughlin, John J., . 82
McNamara, Edward J., . 87
McNamara, Joseph M., 89
McShane, Arthur J., . 89
McShane, James H., . 84
Mulgrew, Leon E., . . *
Mullin, William L., . 89
Murphy, David A., . . *
Murphy, John W., . 82
Nachtigall, Joseph J., . *
O'Donovan, Cornelius M., 89
O'Hanlon, Henry F., . *
O'Hern, Michael J., . . *
O'Keefe, William P., . 93
Prendergast, James F., . 87
Quinn, John E., . . 87
Riley, Cornelius A., . *
Schall, William A., . 83
Scott, Patrick J., . . 87
Shannon, Michael J., . 86
Smith, Cornelius J., . . *
St. John, A. Burgess, . 87
Sullivan, Eugene A., . 85
Sullivan, Maurice E., . 85
Walker, Joseph C., . . 88
Walsh, James P., . . 87
White, John J., . . . 82
Wolfe, James G., . . *

STUDIES WILL BE RESUMED

Tuesday, September 5th, 1899.

The examination for admission to the Class of Third Academic will take place Thursday, September 7th, at 9 a. m.

Students who failed in the June examinations, *and who are permitted to repair the failure* by repeating, will be examined September 1st, 2nd and 4th, at 9 a. m.

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